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Building knowledge

Job Order Contract Construction Task Catalog®

Book 1 CSI Divisions 01 - 43 June 2021

County of San Bernardino,
General Building JOC
Project No. General Building, GBJOC16



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NOT FOR BID

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NOT FOR BID

About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **County of San Bernardino**, priced locally using current labor, material and equipment costs, and published in June 2021.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **County of San Bernardino**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's MasterFormat.



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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task;

disposal of excess material; and time for lunch and breaks.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.

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- ☒ Insurance and bonding.
- ☒ Profit.
- ☒ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☒ Subcontractor's overhead and profit.
- ☒ Cost of financing the work.
- ☒ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- ☒ Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- ☒ Project management and project supervision.
- ☒ Services required to complete project filings and obtain permits.
- ☒ Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- ☒ Incidental engineering and architectural services.
- ☒ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☒ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☒ Meeting Owner's security requirements.
- ☒ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☒ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☒ Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.

- ☒ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.
- ☒ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☒ Daily clean-up.
- ☒ Final professional clean-up.

PRICE VARIATIONS:

- ☒ Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- ☒ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☒ The only compensation to be paid to the Contractor for Tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor
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- ☒ No additional payments of any kind whatsoever will be made.
- ☒ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☒ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.
- ☒ All labor, material, equipment, spare parts, and documents required by a Technical Specification shall be considered included in the unit price, unless the Task description states otherwise.

- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

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FIELD ENGINEERING:

- ☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.
- ☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and

services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** – Bank (In-place) Cubic Yards, **BF** – Board Foot, **BOX** – Box (each), **BTU** – British Thermal Unit, **C** – One Hundred, **CCF** – One Hundred Cubic Feet, **CCY** – Compacted Cubic Yards, **CF** – Cubic Foot, **CFM** – Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** – One Hundred Linear Feet, **CSF** – One Hundred Square Feet, **CSY** – Hundred Square Yards, **CWT** – Hundred Weight, **CY** – Cubic Yard, **CYM** – Cubic Yard Mile, **DAY** – Day, **DRM** – Drum (each), **EA** – Each, **FLR** – Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** – Ground Square Foot, **HR** – Hour, **HWT** – Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** – Loose (Excavated) Cubic Yards, **LF** – Linear Foot, **LFD**

- Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** – One Thousand Board Feet, **MBH** – One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** – One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** – One Thousand Linear Feet, **MO** – Month, **MSF** – One Thousand Square Feet, **MSY** – One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** – Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** – Roll (each), **ROM** – Room, **ROW** – Row, **RSR** – Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** – Square Foot, **SHT** – Sheet, **SI** – Square Inch, **STP** – Stop (each), **SQ** – Square or One Hundred Square Feet, **SY** – Square Yard, **SYI** – Inches per Square Yard, **TNM** – Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** – United Inch, **UNT** – Unit, **VLF** – Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

- ☒ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640

Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

- ☒ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

TRADEMARKS

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Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2) \text{ height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

$\pi = 3.14159$

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.



General Requirements		01
Price and Payment Procedures		01 20
Unit Prices		01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

01 General Requirements

01 20 Price and Payment Procedures⁽⁰¹⁾

01 22 Unit Prices^(01 20)

01 22 16 Unit Price Payment^(01 22)

01 22 16 00-0001 Reimbursable Fees^(01 22 16)

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002 EA Reimbursable Fees1.00

Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.

01 22 20 Wage Rates^(01 22)

01 22 20 00-0001 Local Labor/Wage Rates^(01 22 20)

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002 HR Asbestos Removal Worker83.74

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-16.75

01 22 20 00-0003 HR Insulator88.53

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-17.71

01 22 20 00-0004 HR Boilermaker100.30

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-20.06

01 22 20 00-0005 HR Brick Layer82.73

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-16.55

01 22 20 00-0006 HR Carpenter91.64

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-18.33

01 22 20 00-0007 HR Carpet, Linoleum73.71

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-14.74

01 22 20 00-0008 HR Cement Mason78.17

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-15.63

01 22 20 00-0009 HR Drywall Finisher83.87

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-16.77

01 22 20 00-0010 HR Electrician105.89

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-21.18

01 22 20 00-0011 HR Equipment Operator (Crane Group 8)101.71

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-20.34

For Foreman, Add5.09

01 22 20 00-0012 HR Equipment Operator (Crane Group 9)101.95

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-20.39

For Foreman, Add5.10

01 22 20 00-0013 HR Equipment Operator (Crane Group 10)103.31

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-20.66

01 22 20 00-0014 HR Equipment Operator (Crane Group 11)104.68

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-20.94

For Foreman, Add5.23

01 22 20 00-0015 HR Equipment Operator (Crane Group 12)106.05

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-21.21

For Foreman, Add5.30

01 22 20 00-0016 HR Equipment Operator (Crane Group 13)107.41

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-21.48

For Foreman, Add5.37

01 22 20 00-0017 HR Equipment Operator (Group 2)98.43

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-19.69

For Foreman, Add4.92

01 22 20 00-0018 HR Equipment Operator (Group 3)98.83

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Apprentice, Deduct-19.77

For Foreman, Add4.94

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0019	HR	Equipment Operator (Group 4) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	100.87	
		<i>For Apprentice, Deduct</i>	-20.17	
01 22 20 00-0020	HR	Equipment Operator (Group 6) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.17	
		<i>For Apprentice, Deduct</i>	-20.23	
		<i>For Foreman, Add</i>	5.06	
01 22 20 00-0021	HR	Equipment Operator (Group 8) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.32	
		<i>For Apprentice, Deduct</i>	-20.26	
01 22 20 00-0022	HR	Equipment Operator (Group 10) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.48	
		<i>For Apprentice, Deduct</i>	-20.30	
		<i>For Foreman, Add</i>	5.07	
01 22 20 00-0023	HR	Equipment Operator (Group 12) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.71	
		<i>For Apprentice, Deduct</i>	-20.34	
		<i>For Foreman, Add</i>	5.09	
01 22 20 00-0024	HR	Glazier Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	95.31	
		<i>For Apprentice, Deduct</i>	-19.06	
01 22 20 00-0025	HR	Laborer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	81.42	
01 22 20 00-0026	HR	Lather Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	85.02	
		<i>For Apprentice, Deduct</i>	-17.00	
01 22 20 00-0027	HR	Marble Setter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	82.73	
		<i>For Apprentice, Deduct</i>	-16.55	
01 22 20 00-0028	HR	Millwright Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	83.68	
		<i>For Apprentice, Deduct</i>	-16.74	
01 22 20 00-0029	HR	Mold Removal Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	85.61	
		<i>For Apprentice, Deduct</i>	-17.12	
		<i>For Foreman, Add</i>	4.28	
01 22 20 00-0030	HR	Painter, Ordinary Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	66.79	
		<i>For Apprentice, Deduct</i>	-13.36	
01 22 20 00-0031	HR	Painter, Structural Steel Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	71.73	
		<i>For Apprentice, Deduct</i>	-14.35	
01 22 20 00-0032	HR	Paperhanger Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	66.79	
		<i>For Apprentice, Deduct</i>	-13.36	
01 22 20 00-0033	HR	Pile Drivers Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	91.39	
		<i>For Apprentice, Deduct</i>	-18.28	
01 22 20 00-0034	HR	Plasterer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	84.71	
		<i>For Apprentice, Deduct</i>	-16.94	
01 22 20 00-0035	HR	Plumber Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.96	
		<i>For Apprentice, Deduct</i>	-19.99	
01 22 20 00-0036	HR	Powderman Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	89.96	
		<i>For Apprentice, Deduct</i>	-17.99	
01 22 20 00-0037	HR	Rodman (Reinforcing)/Ornamental Steel Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	91.46	
		<i>For Apprentice, Deduct</i>	-18.29	
01 22 20 00-0038	HR	Roofer, Composite Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	98.84	
		<i>For Apprentice, Deduct</i>	-19.77	
01 22 20 00-0039	HR	Roofer, Metal Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	118.71	
		<i>For Apprentice, Deduct</i>	-23.74	
		<i>For Foreman, Add</i>	5.94	
01 22 20 00-0040	HR	Roofer, Tile/Slate Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	98.84	
		<i>For Apprentice, Deduct</i>	-19.77	
01 22 20 00-0041	HR	Sheet Metal Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	96.26	
		<i>For Apprentice, Deduct</i>	-19.25	
01 22 20 00-0042	HR	Sprinkler Installer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	96.90	
		<i>For Apprentice, Deduct</i>	-19.38	
01 22 20 00-0043	HR	Steam / Pipe Fitter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.96	
		<i>For Apprentice, Deduct</i>	-19.99	
01 22 20 00-0044	HR	Stone Mason Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	82.73	
		<i>For Apprentice, Deduct</i>	-16.55	
01 22 20 00-0045	HR	Structural Steel Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	93.97	
		<i>For Apprentice, Deduct</i>	-18.79	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0046 HR Tile Layer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -15.27	76.35	
01 22 20 00-0047 HR Terrazzo Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -14.62	73.09	
01 22 20 00-0048 HR Truck Driver (Group 2) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -15.89	79.43	
01 22 20 00-0049 HR Truck Driver (Group 3) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -15.92 For Foreman, Add 3.98	79.61	
01 22 20 00-0050 HR Truck Driver (Group 4) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -15.98 For Foreman, Add 3.99	79.88	
01 22 20 00-0051 HR Truck Driver (Group 5) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -15.99 For Foreman, Add 4.00	79.93	
01 22 20 00-0052 HR Truck Driver (Group 6) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -15.99	79.97	
01 22 20 00-0053 HR Truck Driver (Group 7) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -16.06	80.32	
01 22 20 00-0054 HR Truck Driver (Group 8) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -16.14 For Foreman, Add 4.03	80.68	
01 22 20 00-0055 HR Truck Driver (Group 9) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. For Apprentice, Deduct -16.19 For Foreman, Add 4.05	80.96	
01 22 20 00-0056 HR Class I Diver Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	180.95	
01 22 20 00-0057 HR Class III Diver Tender Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.12	
01 22 20 00-0058 HR D1 Certified Welder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	105.81	
01 22 20 00-0059 Rates For Services (01 22 20)		
01 22 20 00-0060 HR Watch/Guard Person, Unarmed 34.14		
01 22 20 00-0061 HR Watch/Guard Person, Armed 42.28		
01 22 20 00-0062 HR Senior Surveyor (Party Chief) 112.17		
01 22 20 00-0063 HR Surveyor (Instrument person) 107.25		
01 22 20 00-0064 HR Surveyor (Rod Person) 106.31		
01 22 20 00-0065 HR On-Site Certified Materials Testing Technician 83.90		
01 22 20 00-0066 HR Certified Industrial Hygienist 113.28		
01 22 20 00-0067 MI Mileage For Professional Services (Engineering, Surveying, Etcetera) 0.56 Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0068 HR Fire Watch Laborer 81.42 Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		
01 22 20 00-0069 Rates For Architectural And Engineering Services (01 22 20)		
Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0070 HR Principal Architect 212.52		
01 22 20 00-0071 HR Senior Architect 187.22		
01 22 20 00-0072 HR Architect 142.94		
01 22 20 00-0073 HR Principal Engineer 212.52		
01 22 20 00-0074 HR Senior Engineer 161.92		
01 22 20 00-0075 HR Engineer 129.03		
01 22 20 00-0076 HR Draft Person 76.53		
01 22 20 00-0077 HR Project Manager 151.80		
01 22 20 00-0078 Rates For Traffic Control (01 22 20)		
01 22 20 00-0079 HR Flagperson For Traffic Control 81.42		
01 22 20 00-0080 Mobilize Equipment (01 22 20)		
01 22 20 00-0081 HR Escort Vehicle With Driver 91.50		

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 20 00-0082 HR Transport Vehicle With Driver119.08

01 22 23 Equipment Usage (01 22)

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 22 20 00-0078 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001 Aerial Equipment (01 22 23)

01 22 23 00-0002 Man Lifts (01 22 23 00-0001)

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0003 Telescoping Boom Man Lifts With Platform (01 22 23 00-0002)

01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform (01 22 23 00-0003)

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0005	DAY 40' Engine Powered, Telescoping Boom Man Lift With Platform	542.44
	For Four-Wheel Drive, Add	122.05
01 22 23 00-0006	WK 40' Engine Powered, Telescoping Boom Man Lift With Platform	1,364.84
	For Four-Wheel Drive, Add	307.09
01 22 23 00-0007	MO 40' Engine Powered, Telescoping Boom Man Lift With Platform	3,062.15
	For Four-Wheel Drive, Add	688.98
01 22 23 00-0008	DAY 60' Engine Powered, Telescoping Boom Man Lift With Platform	796.16
	For Four-Wheel Drive, Add	179.14
01 22 23 00-0009	WK 60' Engine Powered, Telescoping Boom Man Lift With Platform	1,898.53
	For Four-Wheel Drive, Add	427.17
01 22 23 00-0010	MO 60' Engine Powered, Telescoping Boom Man Lift With Platform	4,155.78
	For Four-Wheel Drive, Add	935.05
01 22 23 00-0011	DAY 80' Engine Powered, Telescoping Boom Man Lift With Platform	1,548.57
	For Four-Wheel Drive, Add	348.43
01 22 23 00-0012	WK 80' Engine Powered, Telescoping Boom Man Lift With Platform	3,753.32
	For Four-Wheel Drive, Add	844.50
01 22 23 00-0013	MO 80' Engine Powered, Telescoping Boom Man Lift With Platform	7,874.10
	For Four-Wheel Drive, Add	1,771.67
01 22 23 00-0014	DAY 110' Engine Powered, Telescoping Boom Man Lift With Platform	2,204.75
	For Four-Wheel Drive, Add	496.07
01 22 23 00-0015	WK 110' Engine Powered, Telescoping Boom Man Lift With Platform	5,308.89
	For Four-Wheel Drive, Add	1,194.50
01 22 23 00-0016	MO 110' Engine Powered, Telescoping Boom Man Lift With Platform	13,228.49
	For Four-Wheel Drive, Add	2,976.41
01 22 23 00-0017	DAY 120' Engine Powered, Telescoping Boom Man Lift With Platform	2,685.94
	For Four-Wheel Drive, Add	604.34
01 22 23 00-0018	WK 120' Engine Powered, Telescoping Boom Man Lift With Platform	6,850.47
	For Four-Wheel Drive, Add	1,541.36
01 22 23 00-0019	MO 120' Engine Powered, Telescoping Boom Man Lift With Platform	15,573.22
	For Four-Wheel Drive, Add	3,503.97

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0002)

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	512.88
01 22 23 00-0023	WK 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,286.85
01 22 23 00-0024	MO 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,095.90
01 22 23 00-0025	DAY 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	652.75
01 22 23 00-0026	WK 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,426.72
01 22 23 00-0027	MO 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,541.64
01 22 23 00-0028	DAY 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	839.25
01 22 23 00-0029	WK 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,939.60
01 22 23 00-0030	MO 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	4,336.12
01 22 23 00-0031	DAY 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,464.02
01 22 23 00-0032	WK 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,450.25
01 22 23 00-0033	MO 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	8,390.64
01 22 23 00-0034	DAY 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,844.12
01 22 23 00-0035	WK 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,714.00
01 22 23 00-0036	MO 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	16,412.00

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)

Note: For use on paved surfaces.

01 22 23 00-0038	DAY 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	512.88
01 22 23 00-0039	WK 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,286.85
01 22 23 00-0040	MO 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	3,095.90
01 22 23 00-0041	DAY 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	512.88
01 22 23 00-0042	WK 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,286.85
01 22 23 00-0043	MO 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	3,095.90
01 22 23 00-0044	DAY 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	634.10
01 22 23 00-0045	WK 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,370.78
01 22 23 00-0046	MO 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	3,403.62
01 22 23 00-0047	DAY 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	634.10



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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	1,370.78	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	3,403.62	
01 22 23 00-0050		Platform Lifts (01 22 23 00-0001) Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0051		Electric, Scissor Platform Lifts (01 22 23 00-0050) Note: For use on paved surfaces.		
01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift.....	206.70	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift.....	413.40	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift.....	845.60	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift.....	225.49	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift.....	450.98	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift.....	901.97	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift.....	291.26	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift.....	582.52	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift.....	1,249.60	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift.....	375.82	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift.....	742.24	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift.....	1,644.21	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift.....	404.01	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift.....	789.22	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift.....	1,785.14	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift.....	526.15	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift.....	1,305.97	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift.....	3,636.06	
01 22 23 00-0070		Engine Powered, Scissor Platform Lifts (01 22 23 00-0050) Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	422.80 84.56	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	826.80 165.36	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	2,020.03 404.01	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	432.19 86.44	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	986.53 197.31	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	2,160.96 432.19	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	479.17 95.83	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	1,099.27 219.85	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	2,442.83 488.57	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	507.36 101.47	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	1,183.83 236.77	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	2,912.60 582.52	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	948.95 189.79	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	2,085.80 417.16	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	5,129.94 1,025.99	
01 22 23 00-0086		Personnel Lifts (01 22 23 00-0001) Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.		
01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift.....	123.99	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift.....	351.31	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift.....	709.52	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift.....	172.21	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift.....	365.09	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift.....	1,239.93	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift.....	289.32	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift.....	702.63	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift.....	2,052.77	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift.....	309.98	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift.....	771.51	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift.....	2,321.42	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift.....	165.32	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift.....	330.65	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift.....	661.30	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift.....	165.32	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift.....	330.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift.....	687.47	
01 22 23 00-0105 Bucket Trucks (01 22 23 00-0001)				
Note: Includes full-time operator, delivery, and removal.				
01 22 23 00-0106	DAY	29' Bucket Truck With Full-Time Operator	1,257.22	
		For Equipment Without Operator, Deduct	-639.74	
01 22 23 00-0107	WK	29' Bucket Truck With Full-Time Operator	5,051.17	
		For Equipment Without Operator, Deduct	-3,198.71	
01 22 23 00-0108	MO	29' Bucket Truck With Full-Time Operator	18,502.87	
		For Equipment Without Operator, Deduct	-13,787.53	
01 22 23 00-0109	DAY	38' Bucket Truck With Full-Time Operator	1,335.81	
		For Equipment Without Operator, Deduct	-639.74	
01 22 23 00-0110	WK	38' Bucket Truck With Full-Time Operator	5,303.77	
		For Equipment Without Operator, Deduct	-3,198.71	
01 22 23 00-0111	MO	38' Bucket Truck With Full-Time Operator	19,176.49	
		For Equipment Without Operator, Deduct	-13,787.53	
01 22 23 00-0112	DAY	48' Bucket Truck With Full-Time Operator	1,537.90	
		For Equipment Without Operator, Deduct	-639.74	
01 22 23 00-0113	WK	48' Bucket Truck With Full-Time Operator	5,668.65	
		For Equipment Without Operator, Deduct	-3,198.71	
01 22 23 00-0114	MO	48' Bucket Truck With Full-Time Operator	19,962.38	
		For Equipment Without Operator, Deduct	-13,787.53	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	1,986.98	
		For Equipment Without Operator, Deduct	-639.74	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	7,128.16	
		For Equipment Without Operator, Deduct	-3,198.71	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	23,891.83	
		For Equipment Without Operator, Deduct	-13,787.53	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,211.52	
		For Equipment Without Operator, Deduct	-639.74	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	7,914.05	
		For Equipment Without Operator, Deduct	-3,198.71	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	26,698.58	
		For Equipment Without Operator, Deduct	-13,787.53	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,323.79	
		For Equipment Without Operator, Deduct	-639.74	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	8,250.86	
		For Equipment Without Operator, Deduct	-3,198.71	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	26,968.05	
		For Equipment Without Operator, Deduct	-13,787.55	
01 22 23 00-0124 Air Equipment (01 22 23)				
01 22 23 00-0125 Air Compressors (01 22 23 00-0124)				
Note: Includes delivery, set-up, and removal. Excludes operator.				
01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	197.26	
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	591.80	
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,643.88	
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	236.72	
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	697.00	
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,972.65	
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	315.62	
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	710.15	
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,564.97	
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	447.13	
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	1,130.99	
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,695.96	
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	994.22	
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	2,393.48	
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	5,965.29	
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	1,196.74	
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,945.82	
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	7,233.05	
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	1,196.74	
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,945.82	
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	7,233.05	
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,394.01	
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	3,124.68	
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	8,332.47	
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,735.93	
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,905.85	
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	10,415.59	
01 22 23 00-0153 Portable Negative Air Machines (01 22 23 00-0124)				
Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.				
01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	104.34	
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	428.56	
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,294.99	



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01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines.....	15.92	
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines	40.36	
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines.....	220.42	
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines	1.41	
01 22 23 00-0161 Portable Air Scrubbers (01 22 23 00-0124)				
Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.				
01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber	106.75	
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber	443.74	
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber	1,228.32	
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	135.05	
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	559.50	
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,639.90	
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber.....	173.64	
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber.....	739.56	
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber.....	2,070.78	
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers.....	23.63	
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers	33.92	
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers.....	374.77	
01 22 23 00-0174 Compaction And Paving Equipment (01 22 23)				
01 22 23 00-0175 Pavers And Rollers (01 22 23 00-0174)				
Note: Includes full-time operator. Excludes delivery, set-up, and removal.				
01 22 23 00-0176 Pavers (01 22 23 00-0175)				
01 22 23 00-0177	DAY	10' Wide Paving Machine With Full-Time Operator.....	3,225.53	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0178	WK	10' Wide Paving Machine With Full-Time Operator.....	13,712.69	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0179	MO	10' Wide Paving Machine With Full-Time Operator.....	51,969.09	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0180 Ride-On Self-Propelled, Rubber Tire Rollers (01 22 23 00-0175)				
01 22 23 00-0181	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,224.70	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0182	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	5,305.37	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0183	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	20,869.06	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0184	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,384.55	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0185	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	6,494.09	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0186	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	22,663.76	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0187	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,391.82	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0188	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	6,021.80	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0189	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	23,012.53	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0190 Ride-On Self-Propelled, Padfoot Rollers (01 22 23 00-0175)				
01 22 23 00-0191	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,290.10	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0192	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,382.39	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0193	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,312.28	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0194	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,595.27	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0195	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,000.00	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0196	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	23,259.57	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0197	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,667.93	
For Equipment Without Operator, Deduct			-810.54	
01 22 23 00-0198	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,457.76	
For Equipment Without Operator, Deduct			-4,052.71	
01 22 23 00-0199	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	24,538.39	
For Equipment Without Operator, Deduct			-17,468.57	
01 22 23 00-0200 Towed, Padfoot Rollers (01 22 23 00-0175)				
01 22 23 00-0201	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	138.05	
01 22 23 00-0202	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	399.63	

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01 22 23 00-0203	MO	48" Wide, 40" Diameter, Towed Padfoot Roller.....	1,177.09	
01 22 23 00-0204	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller.....	174.38	
01 22 23 00-0205	WK	60" Wide, 60" Diameter, Towed Padfoot Roller.....	486.82	
01 22 23 00-0206	MO	60" Wide, 60" Diameter, Towed Padfoot Roller.....	2,070.81	
01 22 23 00-0207 Static Rollers (01 22 23 00-0175)				
01 22 23 00-0208	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	1,326.43	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0209	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	5,694.83	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0210	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	22,336.79	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0211	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	1,486.28	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0212	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	6,130.79	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0213	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	23,542.95	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0214 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers (01 22 23 00-0175)				
01 22 23 00-0215	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,093.91	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0216	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	4,881.03	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0217	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	19,648.37	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0218	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,202.90	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0219	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	5,208.00	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0220	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	20,520.29	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0221	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,275.56	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0222	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	5,425.98	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0223	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	21,101.57	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0224	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,370.02	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0225	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	5,702.09	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0226	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	21,820.90	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0227	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,558.94	
		<i>For Equipment Without Operator, Deduct</i>	-810.54	
01 22 23 00-0228	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	6,254.31	
		<i>For Equipment Without Operator, Deduct</i>	-4,052.71	
01 22 23 00-0229	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	23,281.37	
		<i>For Equipment Without Operator, Deduct</i>	-17,468.57	
01 22 23 00-0230 Steel Roadway Plates (01 22 23 00-0174)				
Note: 3 day minimum. Excludes delivery. See CSI section 01 71 13 00-0001 for material delivery on truck.				
01 22 23 00-0231	EA	Mobilization of Steel Roadway Plates.....	421.23	
Note: Mobilization for each site location.				
01 22 23 00-0232	EA	Placement And Removal Of Steel Roadway Plates.....	51.70	
01 22 23 00-0233	DAY	1" x 4' x 8' Steel Plate.....	35.72	
01 22 23 00-0234	WK	1" x 4' x 8' Steel Plate.....	84.35	
01 22 23 00-0235	MO	1" x 4' x 8' Steel Plate.....	111.00	
01 22 23 00-0236	DAY	1" x 4' x 10' Steel Plate.....	47.63	
01 22 23 00-0237	WK	1" x 4' x 10' Steel Plate.....	107.17	
01 22 23 00-0238	MO	1" x 4' x 10' Steel Plate.....	130.98	
01 22 23 00-0239	DAY	1" x 5' x 10' Steel Plate.....	49.62	
01 22 23 00-0240	WK	1" x 5' x 10' Steel Plate.....	112.13	
01 22 23 00-0241	MO	1" x 5' x 10' Steel Plate.....	297.69	
01 22 23 00-0242	DAY	1" x 6' x 8' Steel Plate.....	31.75	
01 22 23 00-0243	WK	1" x 6' x 8' Steel Plate.....	71.45	
01 22 23 00-0244	MO	1" x 6' x 8' Steel Plate.....	190.52	
01 22 23 00-0245	DAY	1" x 6' x 10' Steel Plate.....	59.54	
01 22 23 00-0246	WK	1" x 6' x 10' Steel Plate.....	78.39	
01 22 23 00-0247	MO	1" x 6' x 10' Steel Plate.....	209.38	
01 22 23 00-0248	DAY	1" x 6' x 12' Steel Plate.....	83.35	
01 22 23 00-0249	WK	1" x 6' x 12' Steel Plate.....	106.67	
01 22 23 00-0250	MO	1" x 6' x 12' Steel Plate.....	288.76	
01 22 23 00-0251	DAY	1" x 8' x 10' Steel Plate.....	52.59	
01 22 23 00-0252	WK	1" x 8' x 10' Steel Plate.....	118.08	
01 22 23 00-0253	MO	1" x 8' x 10' Steel Plate.....	314.56	
01 22 23 00-0254	DAY	1" x 8' x 12' Steel Plate.....	95.26	
01 22 23 00-0255	WK	1" x 8' x 12' Steel Plate.....	118.08	



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01 22 23 00-0256	MO	1" x 8' x 12' Steel Plate		571.56	
01 22 23 00-0257	DAY	1" x 8' x 16' Steel Plate		127.01	
01 22 23 00-0258	WK	1" x 8' x 16' Steel Plate		285.78	
01 22 23 00-0259	MO	1" x 8' x 16' Steel Plate		762.09	
01 22 23 00-0260	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate		2.03	1.00
01 22 23 00-0261	EA	Removal And Resetting Of Steel Roadway Plate		28.73	
01 22 23 00-0262	Street Sweepers (01 22 23 00-0174)				
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0263	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		1,059.07	
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0264	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		5,033.80	
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0265	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		20,950.52	
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0266	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator		1,978.63	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0267	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator		8,727.94	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0268	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator		34,139.99	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0269	Earthmoving Equipment (01 22 23)				
01 22 23 00-0270	Skid-Steer Loaders (01 22 23 00-0269)				
Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.					
01 22 23 00-0271	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator		1,196.28	
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0272	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator		5,056.12	
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0273	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator		19,850.77	
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0274	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator		1,298.92	
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0275	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator		5,241.83	
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0276	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator		20,258.05	
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0277	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator		1,328.24	
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0278	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator		5,509.01	
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0279	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator		20,966.70	
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0280	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator		1,442.28	
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0281	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator		5,883.70	
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0282	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator		22,204.82	
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0283	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator		1,637.77	
		For Equipment Without Operator, Deduct		-806.93	
01 22 23 00-0284	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator		6,624.94	
		For Equipment Without Operator, Deduct		-4,034.67	
01 22 23 00-0285	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator		24,029.41	
		For Equipment Without Operator, Deduct		-17,390.83	
01 22 23 00-0286	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders		325.82	
01 22 23 00-0287	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders		1,083.35	
01 22 23 00-0288	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders		2,883.51	
01 22 23 00-0289	DAY	Forklift Attachment For Skid-Steer Loaders		70.05	
01 22 23 00-0290	WK	Forklift Attachment For Skid-Steer Loaders		187.35	
01 22 23 00-0291	MO	Forklift Attachment For Skid-Steer Loaders		529.46	
01 22 23 00-0292	DAY	Backhoe Attachment For Skid-Steer Loaders		154.76	
01 22 23 00-0293	WK	Backhoe Attachment For Skid-Steer Loaders		371.43	
01 22 23 00-0294	MO	Backhoe Attachment For Skid-Steer Loaders		923.70	
01 22 23 00-0295	DAY	Broom Attachment For Skid-Steer Loaders		153.14	
01 22 23 00-0296	WK	Broom Attachment For Skid-Steer Loaders		415.42	
01 22 23 00-0297	MO	Broom Attachment For Skid-Steer Loaders		1,099.64	
01 22 23 00-0298	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders		133.59	
01 22 23 00-0299	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders		368.18	
01 22 23 00-0300	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders		1,005.15	
01 22 23 00-0301	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)		36.82	
01 22 23 00-0302	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)		96.33	
01 22 23 00-0303	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)		283.32	
01 22 23 00-0304	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)		49.57	
01 22 23 00-0305	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)		123.24	
01 22 23 00-0306	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)		368.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0307	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger).....	72.23	
01 22 23 00-0308	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger).....	219.59	
01 22 23 00-0309	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger).....	651.64	
01 22 23 00-0310	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger).....	14.66	
01 22 23 00-0311	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger).....	34.21	
01 22 23 00-0312	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger).....	91.23	
01 22 23 00-0313		Bulldozers (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0314	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,321.72	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0315	WK	70 HP, D3 Bulldozer With Full-Time Operator	6,068.51	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0316	MO	70 HP, D3 Bulldozer With Full-Time Operator	23,448.47	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0317	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	1,562.85	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0318	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	7,042.66	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0319	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	26,438.42	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0320	DAY	140 HP, D6 Bulldozer With Full-Time Operator.....	2,247.64	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0321	WK	140 HP, D6 Bulldozer With Full-Time Operator.....	9,781.84	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0322	MO	140 HP, D6 Bulldozer With Full-Time Operator.....	34,636.67	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0323	DAY	200 HP, D7 Bulldozer With Full-Time Operator.....	2,855.28	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0324	WK	200 HP, D7 Bulldozer With Full-Time Operator.....	12,222.03	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0325	MO	200 HP, D7 Bulldozer With Full-Time Operator.....	41,966.87	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0326	DAY	335 HP, D8 Bulldozer With Full-Time Operator.....	3,578.66	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0327	WK	335 HP, D8 Bulldozer With Full-Time Operator.....	15,115.53	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0328	MO	335 HP, D8 Bulldozer With Full-Time Operator.....	50,647.37	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0329	DAY	460 HP, D9 Bulldozer With Full-Time Operator.....	3,983.74	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0330	WK	460 HP, D9 Bulldozer With Full-Time Operator.....	16,726.24	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0331	MO	460 HP, D9 Bulldozer With Full-Time Operator.....	55,469.87	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0332		Motor Scraper (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0333	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator.....	1,995.40	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0334	WK	11 CY Motor Scraper-Hauler With Full-Time Operator.....	8,792.16	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0335	MO	11 CY Motor Scraper-Hauler With Full-Time Operator.....	31,670.69	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0336	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator.....	2,474.22	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0337	WK	18 CY Motor Scraper-Hauler With Full-Time Operator.....	10,707.42	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0338	MO	18 CY Motor Scraper-Hauler With Full-Time Operator.....	37,432.70	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0339	DAY	24 CY Motor Scraper-Hauler With Full-Time Operator.....	2,936.80	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0340	WK	24 CY Motor Scraper-Hauler With Full-Time Operator.....	12,549.64	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0341	MO	24 CY Motor Scraper-Hauler With Full-Time Operator.....	42,951.24	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0342		Hydraulic Excavators (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0343	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,232.04	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0344	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	5,543.56	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0345	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	22,464.09	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0346	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,350.68	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0347	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	6,066.53	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0348	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	24,555.96	
		For Equipment Without Operator, Deduct	-17,468.57	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0349 DAY 5/8 CY Hydraulic Excavator With Full-Time Operator	1,388.15	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0350 WK 5/8 CY Hydraulic Excavator With Full-Time Operator	6,261.67	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0351 MO 5/8 CY Hydraulic Excavator With Full-Time Operator	24,899.41	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0352 DAY 3/4 CY Hydraulic Excavator With Full-Time Operator	1,427.17	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0353 WK 3/4 CY Hydraulic Excavator With Full-Time Operator	6,441.19	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0354 MO 3/4 CY Hydraulic Excavator With Full-Time Operator	25,242.85	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0355 DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,458.40	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0356 WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	6,628.53	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0357 MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	25,586.29	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0358 DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,879.89	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0359 WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	8,306.71	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0360 MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	30,230.56	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0361 DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,942.34	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0362 WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	8,579.90	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0363 MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	31,050.14	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0364 DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	2,059.42	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0365 WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	9,048.23	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0366 MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	32,455.13	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0367 DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,192.11	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0368 WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	9,571.20	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0369 MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	34,016.23	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0370 DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,231.14	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0371 WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	9,727.31	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0372 MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	34,484.56	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0373 DAY 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,605.80	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0374 WK 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	11,233.77	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0375 MO 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	39,011.75	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0376 DAY 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	3,144.38	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0377 WK 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	13,372.48	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0378 MO 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	45,412.26	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0379 DAY 6 To 11 CY Hydraulic Excavator With Full-Time Operator	3,807.85	
For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0380 WK 6 To 11 CY Hydraulic Excavator With Full-Time Operator	16,026.35	
For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0381 MO 6 To 11 CY Hydraulic Excavator With Full-Time Operator	53,373.87	
For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0382 DAY Thumbs Or Grapple Attachment For Hydraulic Excavators	109.28	
01 22 23 00-0383 WK Thumbs Or Grapple Attachment For Hydraulic Excavators	421.50	
01 22 23 00-0384 MO Thumbs Or Grapple Attachment For Hydraulic Excavators	1,248.88	
01 22 23 00-0385 DAY 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	483.94	
01 22 23 00-0386 WK 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,280.10	
01 22 23 00-0387 MO 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	3,582.72	
01 22 23 00-0388 DAY 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	749.33	
01 22 23 00-0389 WK 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,912.35	
01 22 23 00-0390 MO 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,972.10	
01 22 23 00-0391 DAY 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,045.94	
01 22 23 00-0392 WK 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,817.79	
01 22 23 00-0393 MO 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	7,899.17	
01 22 23 00-0394 DAY 24" Compaction Wheel Attachment For Hydraulic Excavators	218.55	
01 22 23 00-0395 WK 24" Compaction Wheel Attachment For Hydraulic Excavators	874.22	
01 22 23 00-0396 MO 24" Compaction Wheel Attachment For Hydraulic Excavators	2,622.65	
01 22 23 00-0397 DAY 36" Compaction Wheel Attachment For Hydraulic Excavators	312.22	
01 22 23 00-0398 WK 36" Compaction Wheel Attachment For Hydraulic Excavators	1,248.88	
01 22 23 00-0399 MO 36" Compaction Wheel Attachment For Hydraulic Excavators	3,746.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0400	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators.....	343.44	
01 22 23 00-0401	WK	48" Compaction Wheel Attachment For Hydraulic Excavators.....	1,358.16	
01 22 23 00-0402	MO	48" Compaction Wheel Attachment For Hydraulic Excavators.....	4,058.86	
01 22 23 00-0403		Mini-Excavators (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0404	DAY	2,000 LB Mini-Excavator With Full-Time Operator.....	1,138.37	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0405	WK	2,000 LB Mini-Excavator With Full-Time Operator.....	4,981.56	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0406	MO	2,000 LB Mini-Excavator With Full-Time Operator.....	19,513.61	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0407	DAY	3,500 LB Mini-Excavator With Full-Time Operator.....	1,146.18	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0408	WK	3,500 LB Mini-Excavator With Full-Time Operator.....	5,004.98	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0409	MO	3,500 LB Mini-Excavator With Full-Time Operator.....	20,005.36	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0410	DAY	6,000 LB Mini-Excavator With Full-Time Operator.....	1,185.20	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0411	WK	6,000 LB Mini-Excavator With Full-Time Operator.....	5,114.26	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0412	MO	6,000 LB Mini-Excavator With Full-Time Operator.....	20,075.61	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0413	DAY	7,500 LB Mini-Excavator With Full-Time Operator.....	1,200.82	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0414	WK	7,500 LB Mini-Excavator With Full-Time Operator.....	5,168.90	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0415	MO	7,500 LB Mini-Excavator With Full-Time Operator.....	20,106.83	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0416	DAY	9,500 LB Mini-Excavator With Full-Time Operator.....	1,294.48	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0417	WK	9,500 LB Mini-Excavator With Full-Time Operator.....	5,246.95	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0418	MO	9,500 LB Mini-Excavator With Full-Time Operator.....	21,012.27	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0419	DAY	11,000 LB Mini-Excavator With Full-Time Operator.....	1,302.29	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0420	WK	11,000 LB Mini-Excavator With Full-Time Operator.....	5,637.23	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0421	MO	11,000 LB Mini-Excavator With Full-Time Operator.....	21,051.29	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0422		Telescopic Hydraulic Excavators (Gradall) (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0423	DAY	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator.....	2,622.16	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0424	WK	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator.....	11,291.10	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0425	MO	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator.....	43,303.42	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0426		Road Graders (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0427	DAY	60 HP Road Grader With Full-Time Operator.....	1,481.53	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0428	WK	60 HP Road Grader With Full-Time Operator.....	5,867.82	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0429	MO	60 HP Road Grader With Full-Time Operator.....	22,896.70	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0430	DAY	80 HP Road Grader With Full-Time Operator.....	1,679.39	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0431	WK	80 HP Road Grader With Full-Time Operator.....	6,418.38	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0432	MO	80 HP Road Grader With Full-Time Operator.....	24,565.57	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0433	DAY	130 HP Road Grader With Full-Time Operator.....	1,545.40	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0434	WK	130 HP Road Grader With Full-Time Operator.....	6,992.16	
		For Equipment Without Operator, Deduct	-4,052.71	
01 22 23 00-0435	MO	130 HP Road Grader With Full-Time Operator.....	27,973.24	
		For Equipment Without Operator, Deduct	-17,468.57	
01 22 23 00-0436		Loader-Backhoes With Standard Bucket (01 22 23 00-0269)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0437	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	1,265.01	
		For Equipment Without Operator, Deduct	-810.54	
01 22 23 00-0438	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	5,132.07	
		For Equipment Without Operator, Deduct	-4,052.71	



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MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0439	MO 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator For Equipment Without Operator, Deduct	20,008.72 -17,468.57	
01 22 23 00-0440	DAY 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	1,313.70 -810.54	
01 22 23 00-0441	WK 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	5,302.50 -4,052.71	
01 22 23 00-0442	MO 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	21,047.51 -17,468.57	
01 22 23 00-0443	DAY 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	1,388.77 -810.54	
01 22 23 00-0444	WK 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	5,489.15 -4,052.71	
01 22 23 00-0445	MO 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	21,583.13 -17,468.57	
01 22 23 00-0446	DAY 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	1,723.53 -810.54	
01 22 23 00-0447	WK 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	6,487.36 -4,052.71	
01 22 23 00-0448	MO 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator For Equipment Without Operator, Deduct	24,439.78 -17,468.57	
01 22 23 00-0449 Heavy Duty Construction Loaders (01 22 23 00-0269)			
Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0450	DAY 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,346.20 -810.54	
01 22 23 00-0451	WK 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	6,170.65 -4,052.71	
01 22 23 00-0452	MO 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	23,814.14 -17,468.57	
01 22 23 00-0453	DAY 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,791.22 -810.54	
01 22 23 00-0454	WK 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	6,656.87 -4,052.71	
01 22 23 00-0455	MO 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	24,061.37 -17,468.57	
01 22 23 00-0456	DAY 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,890.11 -810.54	
01 22 23 00-0457	WK 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	6,920.58 -4,052.71	
01 22 23 00-0458	MO 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	24,720.65 -17,468.57	
01 22 23 00-0459	DAY 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	2,162.06 -810.54	
01 22 23 00-0460	WK 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	7,637.55 -4,052.71	
01 22 23 00-0461	MO 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	26,533.67 -17,468.57	
01 22 23 00-0462	DAY 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	2,862.55 -810.54	
01 22 23 00-0463	WK 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	12,244.26 -4,052.71	
01 22 23 00-0464	MO 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	42,026.75 -17,468.57	
01 22 23 00-0465	DAY 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	7,477.43 -810.54	
01 22 23 00-0466	WK 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	25,701.59 -4,052.71	
01 22 23 00-0467	MO 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator For Equipment Without Operator, Deduct	76,467.62 -17,468.57	
01 22 23 00-0468 Shoring (01 22 23 00-0269)			
Note: Includes delivery to job site and pick-up when complete.			
01 22 23 00-0469 Aluminum Hydraulic Shoring (01 22 23 00-0468)			
Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.			
01 22 23 00-0470	WK 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	68.65	
01 22 23 00-0471	MO 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	202.49	
01 22 23 00-0472	WK Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	92.09	
01 22 23 00-0473	MO Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	271.64	
01 22 23 00-0474	WK Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	170.77	
01 22 23 00-0475	MO Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	503.76	
01 22 23 00-0476	EA Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	25.64	
01 22 23 00-0477	EA Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	41.02	
01 22 23 00-0478	EA Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	68.36	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0479

Trench Boxes/Trench Shields (01 22 23 00-0269)

Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.

01 22 23 00-0480	WK	4' x 6' Trench Box With Up To 48" Spreaders	254.88
01 22 23 00-0481	MO	4' x 6' Trench Box With Up To 48" Spreaders	764.65
01 22 23 00-0482	WK	6' x 6' Trench Box With Up To 48" Spreaders	287.77
01 22 23 00-0483	MO	6' x 6' Trench Box With Up To 48" Spreaders	863.31
01 22 23 00-0484	WK	8' x 6' Trench Box With Up To 48" Spreaders	304.21
01 22 23 00-0485	MO	8' x 6' Trench Box With Up To 48" Spreaders	912.64
01 22 23 00-0486	WK	4' x 8' Trench Box With Up To 48" Spreaders	279.55
01 22 23 00-0487	MO	4' x 8' Trench Box With Up To 48" Spreaders	838.64
01 22 23 00-0488	WK	6' x 8' Trench Box With Up To 48" Spreaders	328.88
01 22 23 00-0489	MO	6' x 8' Trench Box With Up To 48" Spreaders	986.64
01 22 23 00-0490	WK	8' x 8' Trench Box With Up To 48" Spreaders	369.99
01 22 23 00-0491	MO	8' x 8' Trench Box With Up To 48" Spreaders	1,109.97
01 22 23 00-0492	WK	4' x 10' Trench Box With Up To 48" Spreaders	312.44
01 22 23 00-0493	MO	4' x 10' Trench Box With Up To 48" Spreaders	937.31
01 22 23 00-0494	WK	6' x 10' Trench Box With Up To 48" Spreaders	369.99
01 22 23 00-0495	MO	6' x 10' Trench Box With Up To 48" Spreaders	1,109.97
01 22 23 00-0496	WK	8' x 10' Trench Box With Up To 48" Spreaders	452.21
01 22 23 00-0497	MO	8' x 10' Trench Box With Up To 48" Spreaders	1,348.41
01 22 23 00-0498	WK	4' x 12' Trench Box With Up To 48" Spreaders	369.99
01 22 23 00-0499	MO	4' x 12' Trench Box With Up To 48" Spreaders	1,109.97
01 22 23 00-0500	WK	6' x 12' Trench Box With Up To 48" Spreaders	452.21
01 22 23 00-0501	MO	6' x 12' Trench Box With Up To 48" Spreaders	1,356.63
01 22 23 00-0502	WK	8' x 12' Trench Box With Up To 48" Spreaders	575.54
01 22 23 00-0503	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,726.62
01 22 23 00-0504	WK	4' x 14' Trench Box With Up To 48" Spreaders	411.10
01 22 23 00-0505	MO	4' x 14' Trench Box With Up To 48" Spreaders	1,233.30
01 22 23 00-0506	WK	6' x 14' Trench Box With Up To 48" Spreaders	534.43
01 22 23 00-0507	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,603.29
01 22 23 00-0508	WK	8' x 14' Trench Box With Up To 48" Spreaders	657.76
01 22 23 00-0509	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,973.28
01 22 23 00-0510	WK	4' x 16' Trench Box With Up To 48" Spreaders	452.21
01 22 23 00-0511	MO	4' x 16' Trench Box With Up To 48" Spreaders	1,356.63
01 22 23 00-0512	WK	6' x 16' Trench Box With Up To 48" Spreaders	616.65
01 22 23 00-0513	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,849.95
01 22 23 00-0514	WK	8' x 16' Trench Box With Up To 48" Spreaders	739.98
01 22 23 00-0515	MO	8' x 16' Trench Box With Up To 48" Spreaders	2,219.94
01 22 23 00-0516	WK	4' x 20' Trench Box With Up To 48" Spreaders	534.43
01 22 23 00-0517	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,603.29
01 22 23 00-0518	WK	6' x 20' Trench Box With Up To 48" Spreaders	739.98
01 22 23 00-0519	MO	6' x 20' Trench Box With Up To 48" Spreaders	2,219.94
01 22 23 00-0520	WK	8' x 20' Trench Box With Up To 48" Spreaders	863.31
01 22 23 00-0521	MO	8' x 20' Trench Box With Up To 48" Spreaders	2,589.93
01 22 23 00-0522	WK	4' x 24' Trench Box With Up To 48" Spreaders	739.98
01 22 23 00-0523	MO	4' x 24' Trench Box With Up To 48" Spreaders	2,219.94
01 22 23 00-0524	WK	6' x 24' Trench Box With Up To 48" Spreaders	904.42
01 22 23 00-0525	MO	6' x 24' Trench Box With Up To 48" Spreaders	2,713.26
01 22 23 00-0526	WK	8' x 24' Trench Box With Up To 48" Spreaders	986.64
01 22 23 00-0527	MO	8' x 24' Trench Box With Up To 48" Spreaders	2,959.92
01 22 23 00-0528	WK	For Spreaders >48" To 84", Add	24.67
01 22 23 00-0529	MO	For Spreaders >48" To 84", Add	74.00
01 22 23 00-0530	WK	For Spreaders >84" To 120", Add	148.00
01 22 23 00-0531	MO	For Spreaders >84" To 120", Add	443.99
01 22 23 00-0532	WK	For Spreaders >120", Add	312.44
01 22 23 00-0533	MO	For Spreaders >120", Add	937.31
01 22 23 00-0534	WK	8' x 4' Manhole Box	388.49
01 22 23 00-0535	MO	8' x 4' Manhole Box	1,165.47
01 22 23 00-0536	WK	8' x 8' Manhole Box	554.99
01 22 23 00-0537	MO	8' x 8' Manhole Box	1,664.96

01 22 23 00-0538

Trenchers (01 22 23 00-0269)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0539	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,216.40
		For Equipment Without Operator, Deduct	-810.54
01 22 23 00-0540	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	5,435.16
		For Equipment Without Operator, Deduct	-4,052.71
01 22 23 00-0541	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	21,273.47
		For Equipment Without Operator, Deduct	-17,468.57
01 22 23 00-0542	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,901.28
		For Equipment Without Operator, Deduct	-810.54
01 22 23 00-0543	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	7,743.46
		For Equipment Without Operator, Deduct	-4,052.71
01 22 23 00-0544	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	27,614.97
		For Equipment Without Operator, Deduct	-17,468.57

01 22 23 00-0545

Tractors (01 22 23 00-0269)

Note: Excludes operator, delivery, set-up, and removal.



General Requirements		01
Price and Payment Procedures		01 20
Unit Prices		01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0546 DAY 20 To 29 HP Tractor	575.30	
01 22 23 00-0547 WK 20 To 29 HP Tractor	1,384.98	
01 22 23 00-0548 MO 20 To 29 HP Tractor	3,739.46	
01 22 23 00-0549 DAY 30 To 35 HP Tractor	596.10	
01 22 23 00-0550 WK 30 To 35 HP Tractor	1,534.64	
01 22 23 00-0551 MO 30 To 35 HP Tractor	4,248.80	
01 22 23 00-0552 DAY 40 To 45 HP Tractor	608.78	
01 22 23 00-0553 WK 40 To 45 HP Tractor	1,636.11	
01 22 23 00-0554 MO 40 To 45 HP Tractor	4,489.78	
01 22 23 00-0555 DAY 80 To 89 HP Tractor	783.81	
01 22 23 00-0556 WK 80 To 89 HP Tractor	2,222.82	
01 22 23 00-0557 MO 80 To 89 HP Tractor	6,364.58	
01 22 23 00-0558 DAY 60" Rotary Mower Attachment For Tractors	246.05	
01 22 23 00-0559 WK 60" Rotary Mower Attachment For Tractors	760.98	
01 22 23 00-0560 DAY 84" Rotary Mower Attachment For Tractors	268.88	
01 22 23 00-0561 WK 84" Rotary Mower Attachment For Tractors	824.40	
01 22 23 00-0562 DAY Under Deck Rotary Mower Attachment For Tractors	25.59	
01 22 23 00-0563 WK Under Deck Rotary Mower Attachment For Tractors	102.37	
01 22 23 00-0564 Portable Sediment Tank (01 22 23 00-0269)		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0565 WK Portable Sediment Tank	127.96	
01 22 23 00-0566 MO Portable Sediment Tank	375.34	
01 22 23 00-0567 Heavy Equipment (Wood Ground Protection) Mats (01 22 23 00-0269)		
Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0269 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0568 DAY 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	21.12	
01 22 23 00-0569 WK 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	50.29	
01 22 23 00-0570 MO 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	105.60	
01 22 23 00-0571 DAY 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	22.18	
01 22 23 00-0572 WK 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	52.80	
01 22 23 00-0573 MO 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	110.88	
01 22 23 00-0574 DAY 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	17.95	
01 22 23 00-0575 WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	42.24	
01 22 23 00-0576 MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	89.76	
01 22 23 00-0577 DAY 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	20.06	
01 22 23 00-0578 WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	47.52	
01 22 23 00-0579 MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	100.32	
01 22 23 00-0580 DAY 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	22.18	
01 22 23 00-0581 WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	52.80	
01 22 23 00-0582 MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	110.88	
01 22 23 00-0583 DAY 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	24.29	
01 22 23 00-0584 WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	57.83	
01 22 23 00-0585 MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	121.44	
01 22 23 00-0586 DAY 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	19.01	
01 22 23 00-0587 WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	52.80	
01 22 23 00-0588 MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	95.04	
01 22 23 00-0589 DAY 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	22.18	
01 22 23 00-0590 WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	52.80	
01 22 23 00-0591 MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	110.88	
01 22 23 00-0592 DAY 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	26.40	
01 22 23 00-0593 WK 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	58.08	
01 22 23 00-0594 MO 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	132.00	
01 22 23 00-0595 DAY 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	28.51	
01 22 23 00-0596 WK 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	67.89	
01 22 23 00-0597 MO 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	142.56	
01 22 23 00-0598 DAY 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.62	
01 22 23 00-0599 WK 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	72.91	
01 22 23 00-0600 MO 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	153.12	
01 22 23 00-0601 DAY 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	31.68	
01 22 23 00-0602 WK 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	75.43	
01 22 23 00-0603 MO 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	158.40	
01 22 23 00-0604 DAY 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	10.16	
01 22 23 00-0605 WK 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	25.40	
01 22 23 00-0606 MO 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	76.19	
01 22 23 00-0607 DAY 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	12.14	
01 22 23 00-0608 WK 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.36	
01 22 23 00-0609 MO 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	91.08	
01 22 23 00-0610 DAY 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.87	
01 22 23 00-0611 WK 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	34.67	
01 22 23 00-0612 MO 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	104.02	
01 22 23 00-0613 DAY 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.78	
01 22 23 00-0614 WK 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.96	
01 22 23 00-0615 MO 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	110.88	
01 22 23 00-0616 DAY 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.90	
01 22 23 00-0617 WK 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.24	
01 22 23 00-0618 MO 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	126.72	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0619	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.42	
01 22 23 00-0620	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	48.54	
01 22 23 00-0621	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	145.62	
01 22 23 00-0622	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.94	
01 22 23 00-0623	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	37.35	
01 22 23 00-0624	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	112.04	
01 22 23 00-0625	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	20.23	
01 22 23 00-0626	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	50.56	
01 22 23 00-0627	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	151.69	
01 22 23 00-0628	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.49	
01 22 23 00-0629	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	43.72	
01 22 23 00-0630	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	131.16	
01 22 23 00-0631	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.17	
01 22 23 00-0632	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.91	
01 22 23 00-0633	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	218.74	
01 22 23 00-0634	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	31.09	
01 22 23 00-0635	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	77.72	
01 22 23 00-0636	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	233.16	
01 22 23 00-0637		Electrical Equipment (01 22 23)		
01 22 23 00-0638		Tripod Mounted Floodlights (01 22 23 00-0637)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0639	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	82.45	
01 22 23 00-0640	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	195.06	
01 22 23 00-0641	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	412.23	
01 22 23 00-0642	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	82.45	
01 22 23 00-0643	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	241.31	
01 22 23 00-0644	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	713.87	
01 22 23 00-0645	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	92.50	
01 22 23 00-0646	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	251.36	
01 22 23 00-0647	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	613.32	
01 22 23 00-0648		Trailer Mounted Floodlights (01 22 23 00-0637)		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0649	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	231.25	
01 22 23 00-0650	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	512.78	
01 22 23 00-0651	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	1,106.00	
01 22 23 00-0652		Generator Sets (01 22 23 00-0637)		
01 22 23 00-0653		Portable, Gas Or Diesel Powered Generator Sets (01 22 23 00-0652)		
		Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0760 for reimbursable fuel fees.		
01 22 23 00-0654	DAY	3.6 KW, 8 HP Gas Powered Generator Set	61.31	
		For LP Or NG Gas, Add	7.66	
		For >160 To 320 Hours Usage Per Month, Add	30.66	
01 22 23 00-0655	WK	3.6 KW, 8 HP Gas Powered Generator Set	221.00	
		For LP Or NG Gas, Add	27.63	
01 22 23 00-0656	MO	3.6 KW, 8 HP Gas Powered Generator Set	613.09	
		For LP Or NG Gas, Add	76.64	
01 22 23 00-0657	DAY	5 KW, 11 HP Gas Powered Generator Set	86.97	
		For LP Or NG Gas, Add	10.87	
01 22 23 00-0658	WK	5 KW, 11 HP Gas Powered Generator Set	278.03	
		For LP Or NG Gas, Add	34.75	
01 22 23 00-0659	MO	5 KW, 11 HP Gas Powered Generator Set	634.48	
		For LP Or NG Gas, Add	79.31	
01 22 23 00-0660	DAY	6.5 KW, 13 HP Gas Powered Generator Set	111.21	
		For LP Or NG Gas, Add	13.90	
01 22 23 00-0661	WK	6.5 KW, 13 HP Gas Powered Generator Set	299.42	
		For LP Or NG Gas, Add	37.43	
01 22 23 00-0662	MO	6.5 KW, 13 HP Gas Powered Generator Set	826.96	
		For LP Or NG Gas, Add	103.37	
01 22 23 00-0663	DAY	10 KW, 18 HP Gas Powered Generator Set	124.04	
		For LP Or NG Gas, Add	15.51	
01 22 23 00-0664	WK	10 KW, 18 HP Gas Powered Generator Set	335.06	
		For LP Or NG Gas, Add	41.88	
01 22 23 00-0665	MO	10 KW, 18 HP Gas Powered Generator Set	962.42	
		For LP Or NG Gas, Add	120.30	
01 22 23 00-0666		Towable, Diesel Powered Generator Sets (01 22 23 00-0652)		
		Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0760 for reimbursable fuel fees.		



		General Requirements	01	5
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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0667	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	255.22 127.61 255.22	
01 22 23 00-0668	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	667.27 333.64 667.27	
01 22 23 00-0669	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	1,817.90 908.95 1,817.90	
01 22 23 00-0670	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	407.68 203.84 407.68	
01 22 23 00-0671	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,209.89 604.95 1,209.89	
01 22 23 00-0672	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	2,498.69 1,249.35 2,498.69	
01 22 23 00-0673	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	447.13 223.57 447.13	
01 22 23 00-0674	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,249.34 624.67 1,249.34	
01 22 23 00-0675	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	2,761.71 1,380.86 2,761.71	
01 22 23 00-0676	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	480.01 240.01 480.01	
01 22 23 00-0677	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,315.10 657.55 1,315.10	
01 22 23 00-0678	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	3,156.24 1,578.12 3,156.24	
01 22 23 00-0679	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	526.04 263.02 526.04	
01 22 23 00-0680	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,492.64 746.32 1,492.64	
01 22 23 00-0681	MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	3,550.77 1,775.39 3,550.77	
01 22 23 00-0682	DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	591.80 295.90 591.80	
01 22 23 00-0683	WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,578.12 789.06 1,578.12	

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01 22 23 00-0684	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,945.30	
		Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	1,972.65	
		For >320 Hours Usage Per Month, Add	3,945.30	
01 22 23 00-0685	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	611.52	
		Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	305.76	
		For >16 To 24 Hours Usage Per Day, Add	611.52	
01 22 23 00-0686	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,643.88	
		Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	821.94	
		For >80 Hours Usage Per Week, Add	1,643.88	
01 22 23 00-0687	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,471.34	
		Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	2,235.67	
		For >320 Hours Usage Per Month, Add	4,471.34	
01 22 23 00-0688	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	690.43	
		Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	345.22	
		For >16 To 24 Hours Usage Per Day, Add	690.43	
01 22 23 00-0689	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,906.90	
		Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	953.45	
		For >80 Hours Usage Per Week, Add	1,906.90	
01 22 23 00-0690	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,128.89	
		Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	2,564.45	
		For >320 Hours Usage Per Month, Add	5,128.89	
01 22 23 00-0691	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	723.30	
		Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	361.65	
		For >16 To 24 Hours Usage Per Day, Add	723.30	
01 22 23 00-0692	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,005.53	
		Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	1,002.77	
		For >80 Hours Usage Per Week, Add	2,005.53	
01 22 23 00-0693	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,654.93	
		Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	2,827.47	
		For >320 Hours Usage Per Month, Add	5,654.93	
01 22 23 00-0694	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	756.18	
		Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	378.09	
		For >16 To 24 Hours Usage Per Day, Add	756.18	
01 22 23 00-0695	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,169.92	
		Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	1,084.96	
		For >80 Hours Usage Per Week, Add	2,169.92	
01 22 23 00-0696	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,917.95	
		Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	2,958.98	
		For >320 Hours Usage Per Month, Add	5,917.95	
01 22 23 00-0697	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	789.06	
		Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	394.53	
		For >16 To 24 Hours Usage Per Day, Add	789.06	
01 22 23 00-0698	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,301.42	
		Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	1,150.71	
		For >80 Hours Usage Per Week, Add	2,301.42	
01 22 23 00-0699	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,180.97	
		Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	3,090.49	
		For >320 Hours Usage Per Month, Add	6,180.97	
01 22 23 00-0700	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	789.06	
		Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	394.53	
		For >16 To 24 Hours Usage Per Day, Add	789.06	



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01 22 23 00-0701	WK		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....2,301.42 Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. For >40 To 80 Hours Usage Per Week, Add 1,150.71 For >80 Hours Usage Per Week, Add 2,301.42		
01 22 23 00-0702	MO		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....6,180.97 Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. For >160 To 320 Hours Usage Per Month, Add 3,090.49 For >320 Hours Usage Per Month, Add 6,180.97		
01 22 23 00-0703	DAY		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,084.96 Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. For >8 To 16 Hours Usage Per Day, Add 542.48 For >16 To 24 Hours Usage Per Day, Add 1,084.96		
01 22 23 00-0704	WK		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....2,695.96 Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. For >40 To 80 Hours Usage Per Week, Add 1,347.98 For >80 Hours Usage Per Week, Add 2,695.96		
01 22 23 00-0705	MO		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....7,890.60 Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. For >160 To 320 Hours Usage Per Month, Add 3,945.30 For >320 Hours Usage Per Month, Add 7,890.60		
01 22 23 00-0706	DAY		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,150.71 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. For >8 To 16 Hours Usage Per Day, Add 575.36 For >16 To 24 Hours Usage Per Day, Add 1,150.71		
01 22 23 00-0707	WK		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....2,761.71 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. For >40 To 80 Hours Usage Per Week, Add 1,380.86 For >80 Hours Usage Per Week, Add 2,761.71		
01 22 23 00-0708	MO		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....8,153.62 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. For >160 To 320 Hours Usage Per Month, Add 4,076.81 For >320 Hours Usage Per Month, Add 8,153.62		
01 22 23 00-0709	DAY		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,216.47 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. For >8 To 16 Hours Usage Per Day, Add 608.24 For >16 To 24 Hours Usage Per Day, Add 1,216.47		
01 22 23 00-0710	WK		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....2,827.46 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. For >40 To 80 Hours Usage Per Week, Add 1,413.73 For >80 Hours Usage Per Week, Add 2,827.46		
01 22 23 00-0711	MO		275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....8,416.64 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. For >160 To 320 Hours Usage Per Month, Add 4,208.32 For >320 Hours Usage Per Month, Add 8,416.64		
01 22 23 00-0712	DAY		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,255.92 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. For >8 To 16 Hours Usage Per Day, Add 627.96 For >16 To 24 Hours Usage Per Day, Add 1,255.92		
01 22 23 00-0713	WK		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....3,024.73 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. For >40 To 80 Hours Usage Per Week, Add 1,512.37 For >80 Hours Usage Per Week, Add 3,024.73		
01 22 23 00-0714	MO		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....8,942.68 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. For >160 To 320 Hours Usage Per Month, Add 4,471.34 For >320 Hours Usage Per Month, Add 8,942.68		
01 22 23 00-0715	DAY		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,315.10 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. For >8 To 16 Hours Usage Per Day, Add 657.55 For >16 To 24 Hours Usage Per Day, Add 1,315.10		
01 22 23 00-0716	WK		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....3,419.26 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. For >40 To 80 Hours Usage Per Week, Add 1,709.63 For >80 Hours Usage Per Week, Add 3,419.26		
01 22 23 00-0717	MO		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....9,863.25 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. For >160 To 320 Hours Usage Per Month, Add 4,931.63 For >320 Hours Usage Per Month, Add 9,863.25		

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01 22 23 00-0718	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	2,137.12 1,068.56 2,137.12	
01 22 23 00-0719	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	5,525.46 2,762.73 5,525.46	
01 22 23 00-0720	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	14,612.80 7,306.40 14,612.80	
01 22 23 00-0721	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	2,739.90 1,369.95 2,739.90	
01 22 23 00-0722	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	7,123.74 3,561.87 7,123.74	
01 22 23 00-0723	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	16,439.40 8,219.70 16,439.40	
01 22 23 00-0724	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	3,388.34 1,694.17 3,388.34	
01 22 23 00-0725	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	8,950.34 4,475.17 8,950.34	
01 22 23 00-0726	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	21,919.20 10,959.60 21,919.20	
01 22 23 00-0727	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	3,662.33 1,831.17 3,662.33	
01 22 23 00-0728	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	8,438.89 4,219.45 8,438.89	
01 22 23 00-0729	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add	25,316.68 12,658.34 25,316.68	
01 22 23 00-0730	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	939.29	
01 22 23 00-0731	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,484.05	
01 22 23 00-0732		Cabling For Generator Sets (01 22 23 00-0652) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0733	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	28.93	
01 22 23 00-0734	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	50.63	
01 22 23 00-0735	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	151.89	
01 22 23 00-0736	DAY	50', 4/0 Cable With Camlock Ends For Generator Set.....	14.47	
01 22 23 00-0737	WK	50', 4/0 Cable With Camlock Ends For Generator Set.....	42.08	
01 22 23 00-0738	MO	50', 4/0 Cable With Camlock Ends For Generator Set.....	117.04	
01 22 23 00-0739		Resistive Load Banks For Generator Sets (01 22 23 00-0652) Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0760 for reimbursable fuel fees.		
01 22 23 00-0740	DAY	100 KW A/C Resistive Load Bank.....	519.82	
01 22 23 00-0741	WK	100 KW A/C Resistive Load Bank.....	1,282.95	
01 22 23 00-0742	MO	100 KW A/C Resistive Load Bank.....	3,837.80	
01 22 23 00-0743	DAY	650 KW A/C Resistive Load Bank.....	875.95	
01 22 23 00-0744	WK	650 KW A/C Resistive Load Bank.....	2,342.50	
01 22 23 00-0745	MO	650 KW A/C Resistive Load Bank.....	5,972.37	



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01 22 23 00-0746		Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0652) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0747	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	71.02	
01 22 23 00-0748	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	184.11	
01 22 23 00-0749	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	519.46	
01 22 23 00-0750		Portable Distribution Panels For Generator Sets (01 22 23 00-0652) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0751	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	157.81	
01 22 23 00-0752	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	427.41	
01 22 23 00-0753	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	1,196.74	
01 22 23 00-0754	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	128.88	
01 22 23 00-0755	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	335.35	
01 22 23 00-0756	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	953.45	
01 22 23 00-0757	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	164.39	
01 22 23 00-0758	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	414.26	
01 22 23 00-0759	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	1,124.41	
01 22 23 00-0760		Fuel Reimbursement For Generators (01 22 23 00-0652)		
01 22 23 00-0761	EA	Fuel Reimbursement For Generators	1.00	
Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.				
01 22 23 00-0762		General Equipment (01 22 23)		
01 22 23 00-0763		Jacks And Bracing (01 22 23 00-0763) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0764		Manual Hydraulic Jacks (01 22 23 00-0763)		
01 22 23 00-0765	DAY	12 Ton Manual Hydraulic Bottle Jack	1.67	
01 22 23 00-0766	WK	12 Ton Manual Hydraulic Bottle Jack	7.93	
01 22 23 00-0767	MO	12 Ton Manual Hydraulic Bottle Jack	28.50	
01 22 23 00-0768	DAY	20 Ton Manual Hydraulic Bottle Jack	2.92	
01 22 23 00-0769	WK	20 Ton Manual Hydraulic Bottle Jack	9.18	
01 22 23 00-0770	MO	20 Ton Manual Hydraulic Bottle Jack	34.76	
01 22 23 00-0771	DAY	50 Ton Manual Hydraulic Bottle Jack	10.43	
01 22 23 00-0772	WK	50 Ton Manual Hydraulic Bottle Jack	40.49	
01 22 23 00-0773	MO	50 Ton Manual Hydraulic Bottle Jack	145.66	
01 22 23 00-0774	DAY	100 Ton Manual Hydraulic Bottle Jack	14.61	
01 22 23 00-0775	WK	100 Ton Manual Hydraulic Bottle Jack	58.43	
01 22 23 00-0776	MO	100 Ton Manual Hydraulic Bottle Jack	210.46	
01 22 23 00-0777		Manual Screw Jacks (01 22 23 00-0763)		
01 22 23 00-0778	DAY	10 To 20 Ton Manual Screw Jack	17.48	
01 22 23 00-0779	WK	10 To 20 Ton Manual Screw Jack	47.05	
01 22 23 00-0780	MO	10 To 20 Ton Manual Screw Jack	130.41	
01 22 23 00-0781		Pressure Washers (01 22 23 00-0762) Note: Includes delivery to job site, pick-up when complete and full time operator.		
01 22 23 00-0782	DAY	2,000 PSI Pressure Washer With Full-Time Operator	807.44	
For Equipment Without Operator, Deduct			-651.35	
01 22 23 00-0783	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,652.97	
For Equipment Without Operator, Deduct			-3,256.74	
01 22 23 00-0784	MO	2,000 PSI Pressure Washer With Full-Time Operator	15,046.28	
For Equipment Without Operator, Deduct			-14,037.69	
01 22 23 00-0785	DAY	2,500 PSI Pressure Washer With Full-Time Operator	748.52	
For Equipment Without Operator, Deduct			-651.35	
01 22 23 00-0786	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,503.40	
For Equipment Without Operator, Deduct			-3,256.74	
01 22 23 00-0787	MO	2,500 PSI Pressure Washer With Full-Time Operator	14,665.55	
For Equipment Without Operator, Deduct			-14,037.69	
01 22 23 00-0788	DAY	3,000 PSI Pressure Washer With Full-Time Operator	807.44	
For Equipment Without Operator, Deduct			-651.35	
01 22 23 00-0789	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,652.97	
For Equipment Without Operator, Deduct			-3,256.74	
01 22 23 00-0790	MO	3,000 PSI Pressure Washer With Full-Time Operator	15,046.28	
For Equipment Without Operator, Deduct			-14,037.69	
01 22 23 00-0791	DAY	3,500 PSI Pressure Washer With Full-Time Operator	755.99	
For Equipment Without Operator, Deduct			-651.35	
01 22 23 00-0792	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,525.82	
For Equipment Without Operator, Deduct			-3,256.74	
01 22 23 00-0793	MO	3,500 PSI Pressure Washer With Full-Time Operator	14,725.34	
For Equipment Without Operator, Deduct			-14,037.69	

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01 22 23 00-0794	DAY	4,000 PSI Pressure Washer With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	867.48 -651.35	
01 22 23 00-0795	WK	4,000 PSI Pressure Washer With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	3,845.08 -3,256.74	
01 22 23 00-0796	MO	4,000 PSI Pressure Washer With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	15,682.65 -14,037.69	
01 22 23 00-0797	DAY	5,000 PSI Pressure Washer With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	800.84 -651.35	
01 22 23 00-0798	WK	5,000 PSI Pressure Washer With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	3,660.36 -3,256.74	
01 22 23 00-0799	MO	5,000 PSI Pressure Washer With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	15,173.81 -14,037.69	
01 22 23 00-0800		Confined Space Entry Equipment (01 22 23 00-0762) Note: Includes delivery to job site, set-up, and pick-up when complete.		
01 22 23 00-0801	DAY	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	64.00	
01 22 23 00-0802	WK	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	192.01	
01 22 23 00-0803	MO	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	572.99	
01 22 23 00-0804	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	40.89	
01 22 23 00-0805	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	122.66	
01 22 23 00-0806	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	367.99	
01 22 23 00-0807	DAY	Confined Space Air Monitor Personnel Note: Per person day.	806.93	
01 22 23 00-0808		Space Heaters (01 22 23 00-0762) Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0809	DAY	150,000 BTU/Hour Space Heater	100.80	
01 22 23 00-0810	WK	150,000 BTU/Hour Space Heater	289.80	
01 22 23 00-0811	MO	150,000 BTU/Hour Space Heater	819.00	
01 22 23 00-0812	DAY	500,000 BTU/Hour Space Heater	214.20	
01 22 23 00-0813	WK	500,000 BTU/Hour Space Heater	529.20	
01 22 23 00-0814	MO	500,000 BTU/Hour Space Heater	1,338.12	
01 22 23 00-0815		Mowers (01 22 23 00-0762) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0816	DAY	21" Walk Behind Lawn Mower	59.80	
01 22 23 00-0817	WK	21" Walk Behind Lawn Mower	171.91	
01 22 23 00-0818	MO	21" Walk Behind Lawn Mower	351.30	
01 22 23 00-0819	DAY	32" Walk Behind Lawn Mower	74.74	
01 22 23 00-0820	WK	32" Walk Behind Lawn Mower	179.39	
01 22 23 00-0821	MO	32" Walk Behind Lawn Mower	373.72	
01 22 23 00-0822	DAY	36" To 48" Walk Behind Deck Mower	134.54	
01 22 23 00-0823	WK	36" To 48" Walk Behind Deck Mower	373.72	
01 22 23 00-0824	MO	36" To 48" Walk Behind Deck Mower	1,083.80	
01 22 23 00-0825	DAY	61" To 72" Walk Behind Deck Mower	134.54	
01 22 23 00-0826	WK	61" To 72" Walk Behind Deck Mower	373.72	
01 22 23 00-0827	MO	61" To 72" Walk Behind Deck Mower	1,083.80	
01 22 23 00-0828		Marine Equipment (01 22 23)		
01 22 23 00-0829		Barge And Tug Boat Rental (01 22 23 00-0828)		
01 22 23 00-0830	DAY	50' Deck Cargo Barge.....	739.42	
01 22 23 00-0831	DAY	90' Deck Cargo Barge.....	1,049.72	
01 22 23 00-0832	DAY	160' Deck Cargo Barge.....	1,544.87	
01 22 23 00-0833	DAY	200' Deck Cargo Barge.....	2,343.71	
01 22 23 00-0834	DAY	Barge Rental With Mounted Crane And Full-time Operator Note: Including barge.	2,515.37	
01 22 23 00-0835	HR	250 HP Tug Boat With Operator	181.71	
01 22 23 00-0836	HR	400 HP Tug Boat With Operator	303.37	
01 22 23 00-0837	HR	500 To 800 HP Tug Boat With Operator	373.29	
01 22 23 00-0838	HR	16' Work Boat With Operator	107.58	
01 22 23 00-0839	HR	48' Work Boat With Operator	293.15	
01 22 23 00-0840		Material Handling Equipment (01 22 23)		
01 22 23 00-0841		Truck Mounted Hydraulic Cranes (01 22 23 00-0840) Note: Includes full-time operator. Include delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.		
01 22 23 00-0842	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,299.68 -826.50	
01 22 23 00-0843	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	5,565.95 -4,132.50	
01 22 23 00-0844	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	22,126.79 -17,812.52	



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01 22 23 00-0845	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,424.93 -826.50	
01 22 23 00-0846	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,938.23 -4,132.50	
01 22 23 00-0847	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,240.15 -17,812.52	
01 22 23 00-0848	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,550.18 -826.50	
01 22 23 00-0849	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,310.51 -4,132.50	
01 22 23 00-0850	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	24,353.51 -17,812.52	
01 22 23 00-0851	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,717.19 -826.50	
01 22 23 00-0852	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,811.52 -4,132.50	
01 22 23 00-0853	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,849.59 -17,812.52	
01 22 23 00-0854	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,870.28 -826.50	
01 22 23 00-0855	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,848.34 -4,132.50	
01 22 23 00-0856	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	28,957.25 -17,812.52	
01 22 23 00-0857	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,232.12 -826.50	
01 22 23 00-0858	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,142.62 -4,132.50	
01 22 23 00-0859	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	32,842.88 -17,812.52	
01 22 23 00-0860	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,461.75 -826.50	
01 22 23 00-0861	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,949.81 -4,132.50	
01 22 23 00-0862	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	35,270.00 -17,812.52	
01 22 23 00-0863	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,642.67 -826.50	
01 22 23 00-0864	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,603.90 -4,132.50	
01 22 23 00-0865	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	37,229.52 -17,812.52	
01 22 23 00-0866	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,823.59 -826.50	
01 22 23 00-0867	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,258.00 -4,132.50	
01 22 23 00-0868	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	39,189.03 -17,812.52	
01 22 23 00-0869	DAY	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,941.88 -826.50	
01 22 23 00-0870	WK	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,661.60 -4,132.50	
01 22 23 00-0871	MO	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	40,413.73 -17,812.52	
01 22 23 00-0872	DAY	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,085.97 -810.54	
01 22 23 00-0873	WK	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,180.24 -4,052.71	
01 22 23 00-0874	MO	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	41,851.15 -17,468.57	
01 22 23 00-0875		Cable Controlled Lattice Boom, Truck Mounted Mechanical Cranes (01 22 23 00-0840) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0876	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,496.54 -826.50	
01 22 23 00-0877	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,088.98 -4,132.50	
01 22 23 00-0878	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	35,681.95 -17,812.52	
01 22 23 00-0879	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,783.86 -826.50	
01 22 23 00-0880	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,232.19 -4,132.50	
01 22 23 00-0881	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	42,111.60 -17,812.52	
01 22 23 00-0882	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,992.62 -826.50	
01 22 23 00-0883	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	13,756.11 -4,132.50	
01 22 23 00-0884	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	46,681.94 -17,812.52	
01 22 23 00-0885	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,410.13 -826.50	

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01 22 23 00-0886 WK 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	15,280.02	
For Equipment Without Operator, Deduct	-4,132.50	
01 22 23 00-0887 MO 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	51,246.72	
For Equipment Without Operator, Deduct	-17,812.52	
01 22 23 00-0888 DAY 250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	4,806.76	
For Equipment Without Operator, Deduct	-826.50	
01 22 23 00-0889 WK 250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	18,327.84	
For Equipment Without Operator, Deduct	-4,132.50	
01 22 23 00-0890 MO 250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	60,398.54	
For Equipment Without Operator, Deduct	-17,812.52	
01 22 23 00-0891 DAY 300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	5,460.86	
For Equipment Without Operator, Deduct	-826.50	
01 22 23 00-0892 WK 300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	20,672.85	
For Equipment Without Operator, Deduct	-4,132.50	
01 22 23 00-0893 MO 300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	67,423.84	
For Equipment Without Operator, Deduct	-17,812.52	
01 22 23 00-0894 DAY 500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	9,482.87	
For Equipment Without Operator, Deduct	-826.50	
01 22 23 00-0895 WK 500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	35,007.36	
For Equipment Without Operator, Deduct	-4,132.50	
01 22 23 00-0896 MO 500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator.....	110,444.07	
For Equipment Without Operator, Deduct	-17,812.52	
01 22 23 00-0897 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0840)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0898 DAY 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,488.80	
For Equipment Without Operator, Deduct	-806.93	
01 22 23 00-0899 WK 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,703.46	
For Equipment Without Operator, Deduct	-4,034.67	
01 22 23 00-0900 MO 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	20,979.63	
For Equipment Without Operator, Deduct	-17,390.83	
01 22 23 00-0901 DAY 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,560.58	
For Equipment Without Operator, Deduct	-806.93	
01 22 23 00-0902 WK 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,864.96	
For Equipment Without Operator, Deduct	-4,034.67	
01 22 23 00-0903 MO 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	21,338.51	
For Equipment Without Operator, Deduct	-17,390.83	
01 22 23 00-0904 DAY 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,542.63	
For Equipment Without Operator, Deduct	-806.93	
01 22 23 00-0905 WK 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	5,945.71	
For Equipment Without Operator, Deduct	-4,034.67	
01 22 23 00-0906 MO 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	21,876.83	
For Equipment Without Operator, Deduct	-17,390.83	
01 22 23 00-0907 DAY 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	1,748.99	
For Equipment Without Operator, Deduct	-806.93	
01 22 23 00-0908 WK 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	6,484.03	
For Equipment Without Operator, Deduct	-4,034.67	
01 22 23 00-0909 MO 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	23,132.91	
For Equipment Without Operator, Deduct	-17,390.83	
01 22 23 00-0910 Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0840)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0911 DAY 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,250.15	
For Equipment Without Operator, Deduct	-806.93	
For Propane Instead Of Gas Or Diesel, Add	88.64	
01 22 23 00-0912 WK 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,244.99	
For Equipment Without Operator, Deduct	-4,034.67	
For Propane Instead Of Gas Or Diesel, Add	242.06	
01 22 23 00-0913 MO 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	20,160.93	
For Equipment Without Operator, Deduct	-17,390.83	
For Propane Instead Of Gas Or Diesel, Add	554.02	
01 22 23 00-0914 DAY 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,273.47	
For Equipment Without Operator, Deduct	-806.93	
For Propane Instead Of Gas Or Diesel, Add	93.31	
01 22 23 00-0915 WK 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,308.69	
For Equipment Without Operator, Deduct	-4,034.67	
For Propane Instead Of Gas Or Diesel, Add	254.80	
01 22 23 00-0916 MO 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	20,306.73	
For Equipment Without Operator, Deduct	-17,390.83	
For Propane Instead Of Gas Or Diesel, Add	583.18	
01 22 23 00-0917 DAY 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,399.08	
For Equipment Without Operator, Deduct	-806.93	
For Propane Instead Of Gas Or Diesel, Add	118.43	
01 22 23 00-0918 WK 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,658.60	
For Equipment Without Operator, Deduct	-4,034.67	
For Propane Instead Of Gas Or Diesel, Add	324.79	
01 22 23 00-0919 MO 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	21,114.21	
For Equipment Without Operator, Deduct	-17,390.83	
For Propane Instead Of Gas Or Diesel, Add	744.68	
01 22 23 00-0920 DAY 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,468.26	
For Equipment Without Operator, Deduct	-806.93	
For Propane Instead Of Gas Or Diesel, Add	132.27	



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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0921	WK	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	5,628.64 -4,034.67 318.79	
01 22 23 00-0922	MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	21,358.79 -17,390.83 793.59	
01 22 23 00-0923 Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0840)				
Note: Includes full-time operator. Excludes delivery, set-up, and removal.				
01 22 23 00-0924	DAY	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,183.75 -806.93 75.36	
01 22 23 00-0925	WK	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	4,895.98 -4,034.67 172.26	
01 22 23 00-0926	MO	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	19,454.39 -17,390.83 412.71	
01 22 23 00-0927	DAY	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,192.73 -806.93 77.16	
01 22 23 00-0928	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	4,922.90 -4,034.67 177.65	
01 22 23 00-0929	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	19,517.19 -17,390.83 425.27	
01 22 23 00-0930	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,381.14 -806.93 114.84	
01 22 23 00-0931	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	5,335.61 -4,034.67 260.19	
01 22 23 00-0932	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	20,531.03 -17,390.83 628.04	
01 22 23 00-0933	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,399.08 -806.93 118.43	
01 22 23 00-0934	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	5,488.13 -4,034.67 290.69	
01 22 23 00-0935	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	21,069.35 -17,390.83 735.70	
01 22 23 00-0936	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,560.58 -806.93 150.73	
01 22 23 00-0937	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	5,748.32 -4,034.67 342.73	
01 22 23 00-0938	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	21,517.95 -17,390.83 825.42	
01 22 23 00-0939 Chain Hoists (01 22 23 00-0840)				
Note: Includes delivery to job site and pick-up when complete.				
01 22 23 00-0940	DAY	1 Ton, 20' Lift, Manual Chain Hoist.....	12.52	
01 22 23 00-0941	WK	1 Ton, 20' Lift, Manual Chain Hoist.....	32.55	
01 22 23 00-0942	MO	1 Ton, 20' Lift, Manual Chain Hoist.....	96.40	
01 22 23 00-0943	DAY	3 Ton, 20' Lift, Manual Chain Hoist.....	35.06	
01 22 23 00-0944	WK	3 Ton, 20' Lift, Manual Chain Hoist.....	82.63	
01 22 23 00-0945	MO	3 Ton, 20' Lift, Manual Chain Hoist.....	231.62	
01 22 23 00-0946	DAY	5 Ton, 20' Lift, Manual Chain Hoist.....	45.07	
01 22 23 00-0947	WK	5 Ton, 20' Lift, Manual Chain Hoist.....	121.44	
01 22 23 00-0948	MO	5 Ton, 20' Lift, Manual Chain Hoist.....	338.04	
01 22 23 00-0949	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	88.89	
01 22 23 00-0950	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	231.62	
01 22 23 00-0951	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	626.00	
01 22 23 00-0952	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	90.14	
01 22 23 00-0953	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	241.01	
01 22 23 00-0954	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	657.30	
01 22 23 00-0955	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	92.65	
01 22 23 00-0956	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	259.79	
01 22 23 00-0957	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	719.90	
01 22 23 00-0958 Roof Swing Hoist (01 22 23 00-0840)				
Note: Includes delivery to job site and pick-up when complete.				
01 22 23 00-0959	DAY	Up To 400#, Manual Swing Roof Hoist.....	63.92	
01 22 23 00-0960	WK	Up To 400#, Manual Swing Roof Hoist.....	223.70	
01 22 23 00-0961	MO	Up To 400#, Manual Swing Roof Hoist.....	766.98	

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MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0962 Pumping Equipment (01 22 23)

01 22 23 00-0963 Gas Powered Portable Centrifugal Pumps (01 22 23 00-0962)

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0987 for larger diameter pumps.

01 22 23 00-0964	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	84.42
01 22 23 00-0965	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	189.94
01 22 23 00-0966	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	506.52
01 22 23 00-0967	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	101.30
01 22 23 00-0968	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	227.93
01 22 23 00-0969	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	607.82

01 22 23 00-0970 Gas Powered Portable Diaphragm Pumps (01 22 23 00-0962)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0971	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	97.08
01 22 23 00-0972	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	274.36
01 22 23 00-0973	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	696.46
01 22 23 00-0974	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	118.19
01 22 23 00-0975	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	316.58
01 22 23 00-0976	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	896.96

01 22 23 00-0977 Gas Powered Portable Trash Pumps (01 22 23 00-0962)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0978	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	122.41
01 22 23 00-0979	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	253.26
01 22 23 00-0980	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	759.78
01 22 23 00-0981	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	122.41
01 22 23 00-0982	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	327.13
01 22 23 00-0983	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	896.96
01 22 23 00-0984	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	194.17
01 22 23 00-0985	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	548.73
01 22 23 00-0986	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,593.43

01 22 23 00-0987 Diesel Powered Portable Trash Pumps (01 22 23 00-0962)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0988	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	379.89
01 22 23 00-0989	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	1,034.14
01 22 23 00-0990	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	4,505.92
01 22 23 00-0991	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	580.39
01 22 23 00-0992	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	1,519.56
01 22 23 00-0993	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	4,041.61
01 22 23 00-0994	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	789.33
01 22 23 00-0995	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	2,112.61
01 22 23 00-0996	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	5,651.92
01 22 23 00-0997	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump.....	1,021.48
01 22 23 00-0998	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump.....	2,608.58
01 22 23 00-0999	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump.....	7,661.12

01 22 23 00-1000 Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-0962)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1001	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	542.40
01 22 23 00-1002	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,234.64
01 22 23 00-1003	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,849.55
01 22 23 00-1004	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	664.81
01 22 23 00-1005	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,656.74
01 22 23 00-1006	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	4,505.92
01 22 23 00-1007	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	801.99
01 22 23 00-1008	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	2,372.20
01 22 23 00-1009	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	6,616.42
01 22 23 00-1010	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,207.21
01 22 23 00-1011	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,083.44
01 22 23 00-1012	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	9,054.04

01 22 23 00-1013 3 Phase Electric Submersible Pumps (01 22 23 00-0962)

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1014	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump.....	211.05
01 22 23 00-1015	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump.....	527.62
01 22 23 00-1016	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump.....	1,582.88
01 22 23 00-1017	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump.....	278.59



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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1018	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	696.46	
01 22 23 00-1019	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	2,089.40	
01 22 23 00-1020 Suction Hose With Couplings (01 22 23 00-0962)				
Note: Includes delivery, set-up, and removal.				
01 22 23 00-1021	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.00	
01 22 23 00-1022	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	15.00	
01 22 23 00-1023	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	46.00	
01 22 23 00-1024	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	16.00	
01 22 23 00-1025	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	41.00	
01 22 23 00-1026	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	125.00	
01 22 23 00-1027	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	24.00	
01 22 23 00-1028	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	61.00	
01 22 23 00-1029	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	185.00	
01 22 23 00-1030	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	30.00	
01 22 23 00-1031	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	75.00	
01 22 23 00-1032	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	220.00	
01 22 23 00-1033	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	70.00	
01 22 23 00-1034	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	180.00	
01 22 23 00-1035	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	530.00	
01 22 23 00-1036	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	94.00	
01 22 23 00-1037	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	205.00	
01 22 23 00-1038	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	615.00	
01 22 23 00-1039 Discharge Hose With Couplings (01 22 23 00-0962)				
Note: Includes delivery, set-up, and removal.				
01 22 23 00-1040	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00	
01 22 23 00-1041	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00	
01 22 23 00-1042	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00	
01 22 23 00-1043	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00	
01 22 23 00-1044	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00	
01 22 23 00-1045	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	53.00	
01 22 23 00-1046	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.00	
01 22 23 00-1047	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1048	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	61.00	
01 22 23 00-1049	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.00	
01 22 23 00-1050	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	54.00	
01 22 23 00-1051	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	155.00	
01 22 23 00-1052	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	26.00	
01 22 23 00-1053	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	71.00	
01 22 23 00-1054	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	195.00	
01 22 23 00-1055	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1056	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	50.00	
01 22 23 00-1057	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	150.00	
01 22 23 00-1058	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	51.00	
01 22 23 00-1059	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	130.00	
01 22 23 00-1060	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	385.00	
01 22 23 00-1061 Hydraulic Submersible Pumps (01 22 23 00-0962)				
Note: Includes delivery, set-up, and removal. Excludes operator.				
01 22 23 00-1062 Hydraulic Submersible Pumps (01 22 23 00-1061)				
Note: Includes delivery, set-up, and removal. Excludes operator.				
01 22 23 00-1063	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	139.29	
01 22 23 00-1064	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	373.56	
01 22 23 00-1065	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	1,044.70	
01 22 23 00-1066	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	177.28	
01 22 23 00-1067	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	455.87	
01 22 23 00-1068	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,392.93	
01 22 23 00-1069 Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1061)				
Note: Includes delivery, set-up, and removal. Excludes operator.				
01 22 23 00-1070	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	321.85	
01 22 23 00-1071	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	960.28	
01 22 23 00-1072	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,532.60	
01 22 23 00-1073 HDPE Pipe With Couplings (01 22 23 00-0962)				
Note: Includes delivery, set-up, and removal.				
01 22 23 00-1074	DAY	4" x 20' HDPE Pipe With Couplings	6.25	
01 22 23 00-1075	WK	4" x 20' HDPE Pipe With Couplings	15.00	
01 22 23 00-1076	MO	4" x 20' HDPE Pipe With Couplings	46.25	
01 22 23 00-1077	DAY	6" x 20' HDPE Pipe With Couplings	10.00	
01 22 23 00-1078	WK	6" x 20' HDPE Pipe With Couplings	25.00	
01 22 23 00-1079	MO	6" x 20' HDPE Pipe With Couplings	76.25	
01 22 23 00-1080	DAY	8" x 20' HDPE Pipe With Couplings	16.25	
01 22 23 00-1081	WK	8" x 20' HDPE Pipe With Couplings	42.50	
01 22 23 00-1082	MO	8" x 20' HDPE Pipe With Couplings	126.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1083	DAY	10" x 20' HDPE Pipe With Couplings	20.00	
01 22 23 00-1084	WK	10" x 20' HDPE Pipe With Couplings	51.25	
01 22 23 00-1085	MO	10" x 20' HDPE Pipe With Couplings	156.25	
01 22 23 00-1086	DAY	12" x 10' HDPE Pipe With Couplings	15.00	
01 22 23 00-1087	WK	12" x 10' HDPE Pipe With Couplings	41.25	
01 22 23 00-1088	MO	12" x 10' HDPE Pipe With Couplings	125.00	
01 22 23 00-1089	DAY	4" Elbow For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1090	WK	4" Elbow For HDPE Pipe, Quick Connect	38.75	
01 22 23 00-1091	MO	4" Elbow For HDPE Pipe, Quick Connect	115.00	
01 22 23 00-1092	DAY	6" Elbow For HDPE Pipe, Quick Connect	17.50	
01 22 23 00-1093	WK	6" Elbow For HDPE Pipe, Quick Connect	45.00	
01 22 23 00-1094	MO	6" Elbow For HDPE Pipe, Quick Connect	137.50	
01 22 23 00-1095	DAY	8" Elbow For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-1096	WK	8" Elbow For HDPE Pipe, Quick Connect	51.25	
01 22 23 00-1097	MO	8" Elbow For HDPE Pipe, Quick Connect	156.25	
01 22 23 00-1098	DAY	10" Elbow For HDPE Pipe, Quick Connect	25.00	
01 22 23 00-1099	WK	10" Elbow For HDPE Pipe, Quick Connect	63.75	
01 22 23 00-1100	MO	10" Elbow For HDPE Pipe, Quick Connect	193.75	
01 22 23 00-1101	DAY	12" Elbow For HDPE Pipe, Quick Connect	25.00	
01 22 23 00-1102	WK	12" Elbow For HDPE Pipe, Quick Connect	63.75	
01 22 23 00-1103	MO	12" Elbow For HDPE Pipe, Quick Connect	193.75	
01 22 23 00-1104	DAY	4" Tee For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1105	WK	4" Tee For HDPE Pipe, Quick Connect	38.75	
01 22 23 00-1106	MO	4" Tee For HDPE Pipe, Quick Connect	115.00	
01 22 23 00-1107	DAY	6" Tee For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-1108	WK	6" Tee For HDPE Pipe, Quick Connect	51.25	
01 22 23 00-1109	MO	6" Tee For HDPE Pipe, Quick Connect	156.25	
01 22 23 00-1110	DAY	8" Tee For HDPE Pipe, Quick Connect	25.00	
01 22 23 00-1111	WK	8" Tee For HDPE Pipe, Quick Connect	63.75	
01 22 23 00-1112	MO	8" Tee For HDPE Pipe, Quick Connect	193.75	
01 22 23 00-1113	DAY	10" Tee For HDPE Pipe, Quick Connect	30.00	
01 22 23 00-1114	WK	10" Tee For HDPE Pipe, Quick Connect	76.25	
01 22 23 00-1115	MO	10" Tee For HDPE Pipe, Quick Connect	231.25	
01 22 23 00-1116	DAY	12" Tee For HDPE Pipe, Quick Connect	30.00	
01 22 23 00-1117	WK	12" Tee For HDPE Pipe, Quick Connect	76.25	
01 22 23 00-1118	MO	12" Tee For HDPE Pipe, Quick Connect	231.25	
01 22 23 00-1119	DAY	4" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1120	WK	4" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1121	MO	4" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1122	DAY	6" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1123	WK	6" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1124	MO	6" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1125	DAY	8" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1126	WK	8" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1127	MO	8" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1128	DAY	10" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1129	WK	10" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1130	MO	10" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1131	DAY	12" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1132	WK	12" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1133	MO	12" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1134	DAY	4" Wye For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1135	WK	4" Wye For HDPE Pipe, Quick Connect	18.75	
01 22 23 00-1136	MO	4" Wye For HDPE Pipe, Quick Connect	57.50	
01 22 23 00-1137	DAY	6" Wye For HDPE Pipe, Quick Connect	8.75	
01 22 23 00-1138	WK	6" Wye For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1139	MO	6" Wye For HDPE Pipe, Quick Connect	68.75	
01 22 23 00-1140	DAY	8" Wye For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1141	WK	8" Wye For HDPE Pipe, Quick Connect	38.75	
01 22 23 00-1142	MO	8" Wye For HDPE Pipe, Quick Connect	115.00	
01 22 23 00-1143	DAY	10" Wye For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1144	WK	10" Wye For HDPE Pipe, Quick Connect	57.50	
01 22 23 00-1145	MO	10" Wye For HDPE Pipe, Quick Connect	175.00	
01 22 23 00-1146	DAY	12" Wye For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1147	WK	12" Wye For HDPE Pipe, Quick Connect	57.50	
01 22 23 00-1148	MO	12" Wye For HDPE Pipe, Quick Connect	175.00	

01 22 23 00-1149 Temporary Building Services (01 22 23)

01 22 23 00-1150 Boilers (01 22 23 00-1149) Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1151 Electric Boilers (01 22 23 00-1150)

01 22 23 00-1152	MO	40 MBH, 12 KW Electric Boiler Rental	2,360.98	
01 22 23 00-1153	MO	60 MBH, 20 KW Electric Boiler Rental	2,575.65	
01 22 23 00-1154	MO	95 MBH, 30 KW Electric Boiler Rental	2,682.98	
01 22 23 00-1155	MO	135 MBH, 40 KW Electric Boiler Rental	3,004.88	
01 22 23 00-1156	MO	165 MBH, 50 KW Electric Boiler Rental	4,185.37	
01 22 23 00-1157	MO	215 MBH, 60 KW Electric Boiler Rental	4,829.29	
01 22 23 00-1158	MO	365 MBH, 100 KW Electric Boiler Rental	6,331.78	
01 22 23 00-1159	MO	510 MBH, 150 KW Electric Boiler Rental	7,726.93	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1160 Oil/Gas Fired Boilers (01 22 23 00-1150)		
01 22 23 00-1161 MO Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental.....	2,080.00	
For >3 Months Rental, Deduct	-312.00	
01 22 23 00-1162 MO >100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	2,704.00	
For >3 Months Rental, Deduct	-405.60	
01 22 23 00-1163 MO >250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	4,368.00	
For >3 Months Rental, Deduct	-655.20	
01 22 23 00-1164 MO >500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	6,032.00	
For >3 Months Rental, Deduct	-904.80	
01 22 23 00-1165 Oil Fired Boilers (01 22 23 00-1150)		
01 22 23 00-1166 MO 250 HP Oil Fired Boiler Rental	6,630.82	
01 22 23 00-1167 MO 350 HP Oil Fired Boiler Rental	8,841.10	
01 22 23 00-1168 MO 500 HP Oil Fired Boiler Rental	11,051.37	
01 22 23 00-1169 MO 600 HP Oil Fired Boiler Rental	12,156.51	
01 22 23 00-1170 Boilers Setup (01 22 23 00-1150)		
01 22 23 00-1171 EA Setup Rental Boiler	4,951.16	
Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-1172 Chillers (01 22 23 00-1149)		
Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1173 Air Cooled Chillers (01 22 23 00-1172)		
01 22 23 00-1174 MO 25 Ton Air Cooled Chiller Rental.....	3,152.40	
For >3 To 6 Month Rental, Deduct	-472.86	
For >6 Month Rental, Deduct	-788.10	
01 22 23 00-1175 MO 40 Ton Air Cooled Chiller Rental.....	5,043.85	
For >3 To 6 Month Rental, Deduct	-756.58	
For >6 Month Rental, Deduct	-1,260.96	
01 22 23 00-1176 MO 60 Ton Air Cooled Chiller Rental.....	6,169.20	
For >3 To 6 Month Rental, Deduct	-925.38	
For >6 Month Rental, Deduct	-1,542.30	
01 22 23 00-1177 MO 80 Ton Air Cooled Chiller Rental.....	7,294.55	
For >3 To 6 Month Rental, Deduct	-1,094.18	
For >6 Month Rental, Deduct	-1,823.64	
01 22 23 00-1178 MO 100 Ton Air Cooled Chiller Rental.....	8,419.90	
For >3 To 6 Month Rental, Deduct	-1,262.99	
For >6 Month Rental, Deduct	-2,104.98	
01 22 23 00-1179 MO 125 Ton Air Cooled Chiller Rental.....	9,754.62	
For >3 To 6 Month Rental, Deduct	-1,463.19	
For >6 Month Rental, Deduct	-2,438.66	
01 22 23 00-1180 MO 155 Ton Air Cooled Chiller Rental.....	11,800.70	
For >3 To 6 Month Rental, Deduct	-1,770.11	
For >6 Month Rental, Deduct	-2,950.18	
01 22 23 00-1181 MO 170 Ton Air Cooled Chiller Rental.....	12,619.14	
For >3 To 6 Month Rental, Deduct	-1,892.87	
For >6 Month Rental, Deduct	-3,154.79	
01 22 23 00-1182 MO 200 Ton Air Cooled Chiller Rental.....	14,496.31	
For >3 To 6 Month Rental, Deduct	-2,174.45	
For >6 Month Rental, Deduct	-3,624.08	
01 22 23 00-1183 MO 250 Ton Air Cooled Chiller Rental.....	17,249.02	
For >3 To 6 Month Rental, Deduct	-2,587.35	
For >6 Month Rental, Deduct	-4,312.26	
01 22 23 00-1184 MO 300 Ton Air Cooled Chiller Rental.....	20,127.82	
Note: Includes trailer.		
For >3 To 6 Month Rental, Deduct	-3,019.17	
For >6 Month Rental, Deduct	-5,031.96	
01 22 23 00-1185 MO 400 Ton Air Cooled Chiller Rental.....	26,551.59	
Note: Includes trailer, pump and 200' of 6" hose.		
For >3 To 6 Month Rental, Deduct	-3,982.74	
For >6 Month Rental, Deduct	-6,637.90	
01 22 23 00-1186 MO 500 Ton Air Cooled Chiller Rental.....	32,865.91	
Note: Includes trailer, pump and 200' of 6" hose.		
For >3 To 6 Month Rental, Deduct	-4,929.89	
For >6 Month Rental, Deduct	-8,216.48	
01 22 23 00-1187 EA Setup Air Cooled Chiller Rental Unit.....	3,441.66	
Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.		
01 22 23 00-1188 Chiller Rental Accessories (01 22 23 00-1172)		
01 22 23 00-1189 MO 4" x 25' Flexible Water Hose For Chiller Rental	56.17	
01 22 23 00-1190 MO 6" x 25' Flexible Water Hose For Chiller Rental	70.22	
01 22 23 00-1191 Cooling Tower (01 22 23 00-1149)		
Note: Excludes operator, delivery, set-up, and removal.		

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01 22 23 00-1192 MO 100 Ton Cooling Tower Rental..... For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	2,892.86 -433.93 -723.22	
01 22 23 00-1193 MO 200 Ton Cooling Tower Rental..... For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	5,266.12 -789.92 -1,316.53	
01 22 23 00-1194 MO 250 Ton Cooling Tower Rental..... For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	5,963.64 -894.55 -1,490.91	
01 22 23 00-1195 MO 300 Ton Cooling Tower Rental..... For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	6,740.64 -1,011.10 -1,685.16	
01 22 23 00-1196 MO 400 Ton Cooling Tower Rental..... For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	8,425.80 -1,263.87 -2,106.45	
01 22 23 00-1197 MO 500 Ton Cooling Tower Rental..... For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	9,851.21 -1,477.68 -2,462.80	
01 22 23 00-1198 MO Setup Rental Cooling Tower Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	3,441.66	
01 22 23 00-1199 Emergency Cooler/Freezer (01 22 23 00-1149) Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.		
01 22 23 00-1200 DAY 8 x 6 x 7 Emergency Cooler Rental.....	80.17	
01 22 23 00-1201 WK 8 x 6 x 7 Emergency Cooler Rental.....	427.56	
01 22 23 00-1202 DAY 10 x 7 x 7 Emergency Cooler Rental.....	160.34	
01 22 23 00-1203 WK 10 x 7 x 7 Emergency Cooler Rental.....	641.34	
01 22 23 00-1204 MO 10 x 7 x 7 Emergency Cooler Rental.....	1,603.35	
01 22 23 00-1205 DAY 10 x 7 x 7 Emergency Freezer Rental.....	187.06	
01 22 23 00-1206 WK 10 x 7 x 7 Emergency Freezer Rental.....	748.23	
01 22 23 00-1207 MO 10 x 7 x 7 Emergency Freezer Rental.....	1,924.02	
01 22 23 00-1208 DAY 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	213.78	
01 22 23 00-1209 WK 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	855.12	
01 22 23 00-1210 MO 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	2,137.80	
01 22 23 00-1211 Fuel Oil Tank (01 22 23 00-1149) Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0760 for reimbursable fuel fees.		
01 22 23 00-1212 MO 100 Gallon Portable Double Wall Fuel Oil Tank Rental.....	552.82	
01 22 23 00-1213 MO 275 Gallon Portable Double Wall Fuel Oil Tank Rental.....	859.95	
01 22 23 00-1214 MO 500 Gallon Portable Double Wall Fuel Oil Tank Rental.....	2,149.88	
01 22 23 00-1215 MO 1,000 Gallon Portable Double Wall Fuel Oil Tank Rental.....	3,583.12	
01 22 23 00-1216 MO 2,300 Gallon Portable Double Wall Fuel Oil Tank Rental.....	4,729.72	
01 22 23 00-1217 MO 5,000 Gallon Portable Double Wall Fuel Oil Tank Rental.....	8,449.35	
01 22 23 00-1218 Portable Spot Cooling Units (01 22 23 00-1149) Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes operator.		
01 22 23 00-1219 DAY 1 Ton Portable Spot Cooling Unit.....	272.26	
01 22 23 00-1220 WK 1 Ton Portable Spot Cooling Unit.....	598.98	
01 22 23 00-1221 MO 1 Ton Portable Spot Cooling Unit.....	1,197.96	
01 22 23 00-1222 DAY 2 Ton Portable Spot Cooling Unit.....	435.62	
01 22 23 00-1223 WK 2 Ton Portable Spot Cooling Unit.....	871.24	
01 22 23 00-1224 MO 2 Ton Portable Spot Cooling Unit.....	1,960.29	
01 22 23 00-1225 DAY 3 Ton Portable Spot Cooling Unit.....	653.43	
01 22 23 00-1226 WK 3 Ton Portable Spot Cooling Unit.....	1,306.86	
01 22 23 00-1227 MO 3 Ton Portable Spot Cooling Unit.....	2,613.72	
01 22 23 00-1228 DAY 5 Ton Portable Spot Cooling Unit.....	762.34	
01 22 23 00-1229 WK 5 Ton Portable Spot Cooling Unit.....	1,524.67	
01 22 23 00-1230 MO 5 Ton Portable Spot Cooling Unit.....	3,484.96	
01 22 23 00-1231 DAY 10 Ton Portable Spot Cooling Unit.....	1,633.58	
01 22 23 00-1232 WK 10 Ton Portable Spot Cooling Unit.....	2,613.72	
01 22 23 00-1233 MO 10 Ton Portable Spot Cooling Unit.....	5,227.44	
01 22 23 00-1234 DAY 20 Ton Portable Spot Cooling Unit.....	2,178.10	
01 22 23 00-1235 WK 20 Ton Portable Spot Cooling Unit.....	3,811.68	
01 22 23 00-1236 MO 20 Ton Portable Spot Cooling Unit.....	8,167.88	
01 22 23 00-1237 DAY 25 Ton Portable Spot Cooling Unit.....	2,504.82	
01 22 23 00-1238 WK 25 Ton Portable Spot Cooling Unit.....	4,029.48	
01 22 23 00-1239 MO 25 Ton Portable Spot Cooling Unit.....	8,712.40	
01 22 23 00-1240 Truck And Trailer Equipment (01 22 23)		
01 22 23 00-1241 Trucks (01 22 23 00-1240) Note: Includes driver, delivery, and removal.		
01 22 23 00-1242 Flat Bed Trucks (01 22 23 00-1241) Note: Includes hydraulic tilt bed.		



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01 22 23 00-1243	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	891.93 -639.74	
01 22 23 00-1244	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	3,859.86 -3,198.71	
01 22 23 00-1245	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	15,457.45 -13,787.53	
01 22 23 00-1246	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,000.99 -639.74	
01 22 23 00-1247	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,139.32 -3,198.71	
01 22 23 00-1248	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	16,173.13 -13,787.53	
01 22 23 00-1249	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,079.24 -639.74	
01 22 23 00-1250	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,438.40 -3,198.71	
01 22 23 00-1251	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	17,311.43 -13,787.56	
01 22 23 00-1252 Light Off-Road Utility Passenger Vehicles (01 22 23 00-1241)				
01 22 23 00-1253	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle <i>For Equipment Without Operator, Deduct</i>	191.97 -639.74	
01 22 23 00-1254	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle <i>For Equipment Without Operator, Deduct</i>	443.93 -3,198.71	
01 22 23 00-1255	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle <i>For Equipment Without Operator, Deduct</i>	959.84 -13,787.53	
01 22 23 00-1256	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle <i>For Equipment Without Operator, Deduct</i>	197.97 -639.74	
01 22 23 00-1257	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle <i>For Equipment Without Operator, Deduct</i>	461.92 -3,198.71	
01 22 23 00-1258	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle <i>For Equipment Without Operator, Deduct</i>	1,019.83 -13,787.53	
01 22 23 00-1259 Light Duty Trucks (01 22 23 00-1241)				
01 22 23 00-1260	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	907.18 -639.74	
01 22 23 00-1261	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,076.25 -3,198.71	
01 22 23 00-1262	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	15,626.18 -13,787.53	
01 22 23 00-1263	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	957.32 -639.74	
01 22 23 00-1264	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,226.68 -3,198.71	
01 22 23 00-1265	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	15,960.48 -13,787.53	
01 22 23 00-1266 Rear Dump Trucks (01 22 23 00-1241)				
01 22 23 00-1267	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,033.27 -635.43	
01 22 23 00-1268	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,228.00 -3,177.17	
01 22 23 00-1269	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	16,912.06 -13,694.71	
01 22 23 00-1270	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,169.48 -639.74	
01 22 23 00-1271	WK	4 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,658.19 -3,198.71	
01 22 23 00-1272	MO	4 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	17,571.38 -13,787.53	
01 22 23 00-1273	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,245.16 -639.74	
01 22 23 00-1274	WK	6 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,820.36 -3,198.71	
01 22 23 00-1275	MO	6 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	17,679.49 -13,787.53	
01 22 23 00-1276	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	2,142.47 -639.74	
01 22 23 00-1277	WK	13 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	6,669.04 -3,198.71	
01 22 23 00-1278	MO	13 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	22,868.77 -13,787.53	
01 22 23 00-1279	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	2,292.74 -639.74	
01 22 23 00-1280	WK	18 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	7,016.07 -3,198.71	
01 22 23 00-1281	MO	18 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	23,776.89 -13,787.53	
01 22 23 00-1282 Vacuum Trucks (01 22 23 00-1241)				
01 22 23 00-1283	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	2,131.66 -639.74	
01 22 23 00-1284	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	7,691.76 -3,198.71	

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01 22 23 00-1285	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	27,046.14 -13,787.53	
01 22 23 00-1286		Water Trucks (01 22 23 00-1241) Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1039 for additional discharge hose, 01 22 23 00-1298 for water trailer.		
01 22 23 00-1287	DAY	2,000 Gallon Water Truck With Full-Time Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For Each 1,000 Gallon Of Purchased Water, Add</i>	1,438.94 -639.74 9.25	
01 22 23 00-1288	WK	2,000 Gallon Water Truck With Full-Time Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For Each 1,000 Gallon Of Purchased Water, Add</i>	5,803.27 -3,198.71 9.25	
01 22 23 00-1289	MO	2,000 Gallon Water Truck With Full-Time Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For Each 1,000 Gallon Of Purchased Water, Add</i>	18,760.33 -13,787.53 9.25	
01 22 23 00-1290	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For Each 1,000 Gallon Of Purchased Water, Add</i>	1,829.66 -639.74 9.25	
01 22 23 00-1291	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For Each 1,000 Gallon Of Purchased Water, Add</i>	6,475.43 -3,198.71 9.25	
01 22 23 00-1292	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For Each 1,000 Gallon Of Purchased Water, Add</i>	21,779.53 -13,787.53 9.25	
01 22 23 00-1293		Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board (01 22 23 00-1241)		
01 22 23 00-1294	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	1,309.69 -635.43	
01 22 23 00-1295	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	5,167.09 -3,177.17	
01 22 23 00-1296	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	18,527.16 -13,694.73	
01 22 23 00-1297		Trailers (01 22 23 00-1240) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1298		Water Trailers With Pump (01 22 23 00-1297)		
01 22 23 00-1299	DAY	500 To 600 Gallon Water Trailer With Pump	204.24	
01 22 23 00-1300	WK	500 To 600 Gallon Water Trailer With Pump	523.92	
01 22 23 00-1301	MO	500 To 600 Gallon Water Trailer With Pump	1,403.04	
01 30		Administrative Requirements (01)		
01 35		Special Procedures (01 30)		
01 35 29		Health, Safety, and Emergency Response Procedures (01 35) See CSI section 02 90 00 00-0000 for disaster recovery task.		
01 35 29 00-0001		Emergency Response (01 35 29) See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0059 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0017 for container usage.		
01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container.....	1.68	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container.....	3.36	
01 35 33		Infection Control Procedures (01 35) See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.		
01 40		Quality Requirements (01)		
01 45		Quality Control (01 40)		
01 45 23		Testing and Inspecting Services (01 45) Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.		
01 45 23 00-0001		Soils/Aggregate Testing (01 45 23)		
01 45 23 00-0002		Field Soils Tests (01 45 23 00-0001)		
01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	218.80	
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test.....	310.55	
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test.....	352.90	
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	282.32	
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	423.48	
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....	846.71	



General Requirements		01	5
Quality Requirements		01 40	
Quality Control		01 45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0009 EA Moisture Content, Field Soils Test.....	31.75	
01 45 23 00-0010 EA UBC Or Swell Test, Field Soils Test.....	111.23	
01 45 23 00-0011 EA Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....	211.68	
01 45 23 00-0012 EA Proctor Compaction 6" Standard Mold, Field Soils Test.....	264.60	
01 45 23 00-0013 EA Density And Classification Test, Field Soils Test.....	84.67	
01 45 23 00-0014 EA Percolation Test, Field Soils Test.....	211.68	
01 45 23 00-0015 EA Infiltration Test, Field Soils Test.....	423.36	
01 45 23 00-0016 Aggregate Testing (01 45 23 00-0001)		
01 45 23 00-0017 EA Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	70.58	
01 45 23 00-0018 EA Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	127.04	
01 45 23 00-0019 EA Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	176.45	
01 45 23 00-0020 EA Sieve Analysis, Pit Run, ASTM C136.....	137.59	
Note: Includes wash.		
01 45 23 00-0021 EA Specific Special Gravity, Course, ASTM C127.....	112.12	
Note: Includes absorption test.		
01 45 23 00-0022 EA Special Gravity, Fine, ASTM C127.....	100.55	
Note: Includes absorption test.		
01 45 23 00-0023 EA Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	149.49	
01 45 23 00-0024 EA Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	141.16	
01 45 23 00-0025 EA Aggregate Cleanness Value, ASTM C-128, CA 227.....	141.16	
01 45 23 00-0026 EA Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....	105.87	
01 45 23 00-0027 EA Fine Aggregate Durability Index, CA 229.....	112.93	
01 45 23 00-0028 EA Sodium And Magnesium Soundness, ASTM C88.....	296.35	
01 45 23 00-0029 EA Los Angeles Rattler, ASTM C-131, CA 211.....	225.86	
01 45 23 00-0030 EA Los Angeles Rattler, ASTM C-535.....	225.86	
01 45 23 00-0031 EA Unit Weight Of Aggregates, ASTM C29.....	63.52	
01 45 23 00-0032 EA Organic Impurities In Sand, ASTM C40.....	63.50	
01 45 23 00-0033 EA Crushed Particle, ASTM California Test Method.....	63.50	
01 45 23 00-0034 EA Clay Lump And Friable Particles, ASTM C142.....	127.01	
01 45 23 00-0035 Permeability Tests (01 45 23 00-0001)		
01 45 23 00-0036 In-Place Tests (01 45 23 00-0035)		
01 45 23 00-0037 EA Double Ring Infiltrometer Test, ASTM D3385.....	1,121.18	
01 45 23 00-0038 EA Unconfined Compressive Strength (Pocket Penetrometer) Test.....	52.92	
01 45 23 00-0039 Lab Tests (01 45 23 00-0035)		
01 45 23 00-0040 EA Falling Head Rigid Wall Consolidometer Technique CAE.....	523.22	
01 45 23 00-0041 EA Falling Head Permeability Test EPA-9100.....	523.22	
01 45 23 00-0042 EA Constant Head Permeability Test For Granular Soils, ASTM D2432.....	298.98	
01 45 23 00-0043 Concrete/Cement/Asphalt Testing (01 45 23)		
01 45 23 00-0044 Concrete Testing (01 45 23 00-0043)		
01 45 23 00-0045 EA Prepare 6 x 12 Concrete Cylinder And Deliver To Lab.....	20.60	
01 45 23 00-0046 EA 6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633.....	44.85	
01 45 23 00-0047 EA Concrete Cores Compression Test, ASTM C-42.....	91.75	
01 45 23 00-0048 EA 6 x 6 x 18 Concrete Flexural Test, ASTM C-78.....	134.10	
01 45 23 00-0049 EA Unit Weight Of Concrete Cylinder, ASTM C-567.....	49.41	
01 45 23 00-0050 EA Concrete Mix Design Review.....	268.20	
01 45 23 00-0051 EA Trial Concrete Batch Prepared In Laboratory.....	635.22	
01 45 23 00-0052 EA Concrete Shrinkage, ASTM C-157 Modified.....	494.06	
01 45 23 00-0053 EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....	76.23	
01 45 23 00-0054 EA Concrete Slump Test, ASTM C143.....	35.29	
01 45 23 00-0055 EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231.....	35.29	
01 45 23 00-0056 Cement Testing (01 45 23 00-0043)		
01 45 23 00-0057 EA Cement Grab Sample (CCR Title 24).....	35.29	
Note: Includes sealing and storing 1 year.		
01 45 23 00-0058 EA 2" x 2" x 2" Cube Compression Test, All Type Materials.....	56.46	
01 45 23 00-0059 Asphaltic Concrete Testing (01 45 23 00-0043)		
01 45 23 00-0060 EA Hveem Asphaltic Concrete Stability Test, CA 366.....	70.58	
01 45 23 00-0061 EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927.....	183.51	
01 45 23 00-0062 EA Stability Tests, Premixed, ASTM D1559.....	70.58	
01 45 23 00-0063 EA Stability Tests, Lab. Mixed, ASTM D1559.....	183.51	
01 45 23 00-0064 EA Swell Test, CA 305.....	84.70	
Note: Includes compaction.		
01 45 23 00-0065 EA % Asphalt Extraction Test, ASTM D-2172 B.....	211.74	
01 45 23 00-0066 EA Gradation On Extracted Sample, ASTM D-5444.....	141.16	
01 45 23 00-0067 EA Maximum Theoretical Unit Weight, ASTM C2041.....	134.54	
01 45 23 00-0068 EA Unit Weight Sample Requiring Compaction, California Test Method 308.....	28.23	
01 45 23 00-0069 EA Asphalt Unit Weight On Core Test, CA 308C.....	28.23	
01 45 23 00-0070 HR Nuclear Field Density Testing, 4 Hour Minimum.....	145.39	

01 General Requirements**01 40 Quality Requirements****01 45 Quality Control**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0071 EA Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	95.26	
01 45 23 00-0072 EA Penetration, ASTM D5	101.96	
01 45 23 00-0073 Masonry/Concrete Block/Tile Testing (01 45 23)		
01 45 23 00-0074 Masonry Testing (01 45 23 00-0073)		
01 45 23 00-0075 EA 2" x 4" Cylinder Mortar Compression Test	46.58	
01 45 23 00-0076 EA 4" x 4" x 8" Grout Prisms Compression Test	46.58	
01 45 23 00-0077 EA Masonry Cores Compression Test	91.75	
01 45 23 00-0078 EA Composite Grouted Prism Compression Test	176.45	
01 45 23 00-0079 Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0073)		
01 45 23 00-0080 EA Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	112.93	
01 45 23 00-0081 EA Absorption Test, Moisture Content And Unit Weight	77.64	
01 45 23 00-0082 EA First Unit, Moisture Condition By Relative Humidity, ASTM C427	296.35	
01 45 23 00-0083 EA Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	148.17	
01 45 23 00-0084 Metals Testing (01 45 23)		
01 45 23 00-0085 Tank Tightness Testing (01 45 23 00-0084)		
01 45 23 00-0086 GAL Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	7.10	
01 45 23 00-0087 GAL >20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.08	
01 45 23 00-0088 EA Up To 12,000 Gallons, Tank Volumetric Tightness Testing	1,825.42	
01 45 23 00-0089 EA >12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,230.35	
01 45 23 00-0090 EA >29,999 Gallons, Tank Volumetric Tightness Testing	2,840.45	
01 45 23 00-0091 Tank Line Tightness Testing (01 45 23 00-0084)		
01 45 23 00-0092 EA Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	385.17	
01 45 23 00-0093 EA >12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	427.69	
01 45 23 00-0094 EA >29,999 Gallons, Tank Line Volumetric Tightness Testing	470.07	
01 45 23 00-0095 Other Testing (01 45 23)		
01 45 23 00-0096 Special Testing (01 45 23 00-0095)		
01 45 23 00-0097 EA Asphalt Roofing Cut-out Samples, To Determine Unit Weight	109.42	
01 45 23 00-0098 EA Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	656.51	
01 45 23 00-0099 EA Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	33.01	
01 45 23 00-0100 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	136.83	
01 45 23 00-0101 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	136.83	
01 45 23 00-0102 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	136.83	
01 45 23 00-0103 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	752.56	
01 45 23 00-0104 EA Testing And Certification Of Backflow Valves	453.18	
01 45 23 00-0105 Nondestructive Field Testing Services (01 45 23 00-0095)		
01 45 23 00-0106 Infrared Thermography (01 45 23 00-0105)		
Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0107 Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0106)		
Note: For on the roof surveys.		
01 45 23 00-0108 EA Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	2,462.94	
01 45 23 00-0109 CSF Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	4.10	
For CADD Drawings, Add	0.82	
01 45 23 00-0110 CSF >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.74	
For CADD Drawings, Add	0.55	
01 45 23 00-0111 CSF >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.05	
For CADD Drawings, Add	0.41	
For Elevated Infrared Thermography Roof Investigation, Add	0.51	
For Aerial Infrared Thermography Roof Investigation, Add	0.51	
01 45 23 00-0112 CSF >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.37	
For CADD Drawings, Add	0.27	
For Elevated Infrared Thermography Roof Investigation, Add	0.34	
For Aerial Infrared Thermography Roof Investigation, Add	0.34	
01 45 23 00-0113 Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0106)		
Note: For finding moisture in walls and windows.		
01 45 23 00-0114 EA Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	1,299.88	
01 45 23 00-0115 CSF Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	4.10	
For Digital Or Analog Recording Of All Items, Add	2.05	
01 45 23 00-0116 CSF >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.74	
For Digital Or Analog Recording Of All Items, Add	1.37	
01 45 23 00-0117 CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography	1.37	
For Digital Or Analog Recording Of All Items, Add	0.69	



General Requirements		01	5
Quality Requirements		01 40	
Quality Control		01 45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0118 General Building Investigation Using Infrared Thermography (01 45 23 00-0106)		
Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0119 EA General Building Investigation Using Infrared Thermography, Mobilization Charge	2,668.18	
01 45 23 00-0120 CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography.....	4.10	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	2.05	
01 45 23 00-0121 CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography.....	2.74	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.37	
01 45 23 00-0122 CSF >5,000 SF, General Building Investigation Using Infrared Thermography	1.37	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.69	
01 45 23 00-0123 Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0106)		
Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0124 EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	1,299.88	
01 45 23 00-0125 HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography.....	189.86	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	28.41	
01 45 23 00-0126 Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0106)		
Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0127 EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	1,299.88	
01 45 23 00-0128 CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	4.10	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.62	
01 45 23 00-0129 CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	2.74	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.41	
01 45 23 00-0130 Other Nondestructive Field Testing Services (01 45 23 00-0105)		
01 45 23 00-0131 HR ASNT Certified Level I NDT Consultant.....	82.80	
01 45 23 00-0132 HR ASNT Certified Level II NDT Consultant.....	103.28	
01 45 23 00-0133 HR ASNT Certified Level III NDT Consultant.....	118.52	
01 45 23 00-0134 HR Certified Industrial Radiography Radiation Safety Personnel.....	95.35	
01 45 29 Testing Laboratory Services (01 45)		
01 45 29 00-0001 Soil Borings Laboratory Tests (01 45 29)		
01 45 29 00-0002 EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test.....	97.17	
01 45 29 00-0003 EA Shrinkage Limit, Soil Borings Laboratory Test	31.01	
01 45 29 00-0004 EA Unconfined Compressive Strength Of Cohesive Soils, Soil Borings Laboratory Test.....	74.74	
01 45 29 00-0005 EA Consolidation, Soil Borings Laboratory Test	523.22	
01 45 29 00-0006 EA Swell Test, Soil Borings Laboratory Test	103.35	
01 45 29 00-0007 EA In Place Density, Soil Borings Laboratory Test	22.42	
01 45 29 00-0008 EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test	13.93	
01 45 29 00-0009 EA Hydrometer Analysis, Soil Borings Laboratory Test.....	179.85	
01 45 29 00-0010 EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test.....	62.72	
01 45 29 00-0011 EA Partial Sieve Analysis, Soil Borings Laboratory Test	12.40	
01 45 29 00-0012 EA Laboratory Permeability, Soil Borings Laboratory Test.....	620.18	
01 45 29 00-0013 EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	125.43	
01 45 29 00-0014 EA Sulfate Soundness, Soil Borings Laboratory Test.....	155.04	
01 45 29 00-0015 EA Los Angeles Abrasion, Soil Borings Laboratory Test.....	361.51	
01 45 29 00-0016 EA Soil Bearing Ratio, ASTM D1883.....	317.61	
01 45 29 00-0017 EA Compaction Test Subgrade, Soil Borings Laboratory Test	93.03	
01 45 29 00-0018 EA Compaction Test Base Course, Soil Borings Laboratory Test	78.70	
01 45 29 00-0019 EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	305.89	
01 45 29 00-0020 EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test.....	47.55	
01 50 Temporary Facilities and Controls (01)		
Note: Tasks in this section shall be used as directed by owner.		
01 51 Temporary Utilities (01 50)		
01 51 13 Temporary Electricity (01 51)		
01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch (01 51 13)		
Note: Includes all connections and removal after use.		
01 51 13 00-0002 EA Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses.....	1,386.04	
01 51 13 00-0003 EA Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses.....	2,146.58	
01 51 13 00-0004 EA Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	3,950.91	
01 51 13 00-0005 EA Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	6,535.87	
01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses (01 51 13)		
Note: Includes mounting on wall and removal after use.		

01 General Requirements**01 50 Temporary Facilities and Controls****01 51 Temporary Utilities**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 51 13 00-0007	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers	1,453.67	
01 51 13 00-0008	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers	2,015.03	
01 51 13 00-0009	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	3,156.75	
01 51 13 00-0010	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers	4,464.88	
01 51 13 00-0011		Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards (01 51 13) Note: Includes all connections, fittings, supports and removal after use.		
01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	7.54	
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	8.26	
01 51 26		Temporary Lighting (01 51)		
01 51 26 00-0001		Temporary Devices (01 51 26) Note: Includes removal after use.		
01 51 26 00-0002	EA	Temporary Exit Light	244.22	
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	90.58	
01 51 26 00-0004	EA	Temporary High Bay Light	343.99	
01 52		Construction Facilities (01 50) Note: Tasks in this section shall be used as directed by owner for owner's use. See CSI section 13 34 23 13-0030 for anchors for holding down portable buildings and structures where required.		
01 52 13		Field Offices and Sheds (01 52)		
01 52 13 00-0001		Field Offices (01 52 13) Note: Excludes furniture, utility connections and service. Minimum 6 months rental.		
01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	166.62	
		For Each Delivery And Removal, Two Round Trips, Add	826.15	
		For Each Set-Up (Block And Level), Add	388.51	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
		For Office Trailer Without Toilet, Deduct	-33.32	
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	188.83	
		For Each Delivery And Removal, Two Round Trips, Add	826.15	
		For Each Set-Up (Block And Level), Add	388.51	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
		For Office Trailer Without Toilet, Deduct	-37.77	
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	255.48	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
		For Office Trailer Without Toilet, Deduct	-51.10	
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	272.15	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
		For Office Trailer Without Toilet, Deduct	-54.43	
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	299.92	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	316.58	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	244.93	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
		For Each Delivery And Set-Up (Block And Level), Add	981.72	
		For Each Knock-Down And Pick-Up, Add	786.72	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	327.47	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	372.12	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	405.44	
		For Each Delivery And Removal, Two Round Trips, Add	1,170.38	
		For Each Set-Up (Block And Level), Add	633.89	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	



General Requirements			01	Σ
Temporary Facilities and Controls			01 50	
Construction Facilities			01 52	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet.....	888.63	
		For Each Delivery And Removal, Two Round Trips, Add	2,203.08	
		For Each Set-Up (Block And Level), Add	1,022.40	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet.....	1,066.36	
		For Each Delivery And Removal, Two Round Trips, Add	2,203.08	
		For Each Set-Up (Block And Level), Add	1,022.40	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet.....	506.80	
		For Each Delivery And Removal, Two Round Trips, Add	2,203.08	
		For Each Set-Up (Block And Level), Add	1,022.40	
		For Each Anchoring Into Dirt, Add	118.47	
		For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0015		Accessories For Field Office Trailers (01 52 13)		
		Note: Costs includes installation or placement in trailer.		
01 52 13 00-0016	MO	Steps For Field Office Trailer	41.47	
01 52 13 00-0017		Storage Containers (01 52 13)		
01 52 13 00-0018	MO	8' x 8' x 10' Storage Container	192.50	
		For Each Delivery And Removal, Two Round Trips, Add	225.69	
		For >12 Months, Deduct	-57.75	
01 52 13 00-0019	MO	8' x 8' x 20' Storage Container	201.25	
		For Each Delivery And Removal, Two Round Trips, Add	248.26	
		For >12 Months, Deduct	-60.38	
01 52 13 00-0020	MO	8' x 8' x 40' Storage Container	238.00	
		For Each Delivery And Removal, Two Round Trips, Add	500.00	
		For >12 Months, Deduct	-71.40	
01 52 19		Sanitary Facilities (01 52)		
01 52 19 00-0001		Portable Toilets (01 52 19)		
		Note: Includes set-up, servicing once per week and removal.		
01 52 19 00-0002	WK	Portable Chemical Toilet.....	65.00	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	25.00	
01 52 19 00-0003	MO	Portable Chemical Toilet.....	195.00	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	25.00	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet.....	77.53	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	25.00	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet.....	227.50	
		For Each Additional Servicing Per Unit Per Week, Add	25.00	
		For Each Delivery, Add	25.00	
01 52 19 00-0006	WK	Two Station Portable Handwash.....	34.89	
		For Each Delivery, Add	25.00	
01 52 19 00-0007	MO	Two Station Portable Handwash.....	105.84	
		For Each Delivery, Add	25.00	
01 52 19 00-0008	MO	6 Station, Portable Toilets, Multi Trailer	2,908.62	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)		
01 52 19 00-0009	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week	1,678.05	
01 53		Temporary Construction (01 50)		
01 53 16		Temporary Decking (01 53)		
01 53 16 00-0001		Temporary Walkways And Railings (01 53 16)		
		Note: Includes removal after use.		
01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	5.47	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail.....	29.10	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam.....	9.93	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	18.90	
01 53 23		Temporary Ramps (01 53)		
01 53 23 00-0001		Temporary Plywood For Wheel Barrow Access (01 53 23)		
		Note: Includes removal after use.		
01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access.....	1.59	0.40
01 54		Construction Aids (01 50)		
01 54 09		Personnel Protection Equipment (01 54)		

01 General Requirements**01 50 Temporary Facilities and Controls****01 54 Construction Aids**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 09 00-0001 Personnel Protection Equipment (01 54 09) Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responsibility. These items include, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.		
01 54 09 00-0002 NTE Personnel Protection Equipment.....	0.00	
01 54 23 Temporary Scaffolding and Platforms (01 54)		
01 54 23 00-0001 Scaffolding (01 54 23) Note: Additional scaffolding rental for work above the normal working height of 14'.		
01 54 23 00-0002 Scaffolding Rental - Rental Only (01 54 23 00-0001) Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.		
01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)	27.82	
For Up To 25, Add	11.13	
For >25 To 50, Add	6.96	
For >50 To 150, Add	2.78	
01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	31.29	
For Up To 25, Add	12.52	
For >25 To 50, Add	7.82	
For >50 To 150, Add	3.13	
01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)	41.74	
For Up To 25, Add	16.70	
For >25 To 50, Add	10.44	
For >50 To 150, Add	4.17	
01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001) Note: Includes both initial erection and final dismantling. Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.		
01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	44.83	
01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	56.03	
01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	67.24	
01 54 23 00-0010 CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	73.97	
01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	85.17	
01 54 23 00-0012 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories.....	53.80	
01 54 23 00-0013 Heavy Duty Masonry Scaffolding Rental - Rental Only (01 54 23 00-0001) Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0014 CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	43.55	
01 54 23 00-0015 CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)	79.84	
01 54 23 00-0016 LF Aluminum Joists (LF / Month)	7.08	
01 54 23 00-0017 LF Aluminum Stringers (LF / Month)	10.15	
01 54 23 00-0018 EA Screw Jack With U-Plate For Stringers (EA / Month)	12.80	
01 54 23 00-0019 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001) Note: Includes both initial erection and final dismantling. Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.		
01 54 23 00-0020 CCF Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	71.72	
01 54 23 00-0021 CCF >20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	89.65	
01 54 23 00-0022 CCF >40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	107.59	
01 54 23 00-0023 CCF >60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	116.55	
01 54 23 00-0024 CCF >80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	130.00	
01 54 23 00-0025 Scaffolding Accessories (01 54 23 00-0001) See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0026 CSF Netting for Exterior Building Scaffolding..... Note: Includes removal after use.	29.37	
01 54 23 00-0027 Mobile Mast Climbing Scaffolding (01 54 23) Note: Per month.		
01 54 23 00-0028 Fraco FRSM ACT Solution Single Mast, Mast Climbing Scaffolding Per Month (01 54 23 00-0027)		



General Requirements			01
Temporary Facilities and Controls			01 50
Construction Aids			01 54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0029 MO Single Mast Climber, 175' High Mast x 35' Wide Platform	3,300.00	
01 54 23 00-0030 EA Delivery/Pick-up Fee For Single Mast Climber..... Note: Excludes erection or dismantle.	2,400.00	
01 54 23 00-0031 EA Erection For Single Mast Climber	3,000.00	
01 54 23 00-0032 EA Dismantle For Single Mast Climber.....	2,500.00	
01 54 23 00-0033 SF Additional Scaffolding Planks, Wood, 2"	0.59	
01 54 23 00-0034 Rolling Scaffolding (01 54 23) Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0035 DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	10.30	
01 54 23 00-0036 WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	41.27	
01 54 23 00-0037 MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	165.05	
01 54 23 00-0038 DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	17.24	
01 54 23 00-0039 WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	69.05	
01 54 23 00-0040 MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	276.22	
01 54 23 00-0041 EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	102.46	
01 54 23 00-0042 EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	128.07	
01 54 23 00-0043 Shoring Posts (01 54 23) Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.		
01 54 23 00-0044 DAY 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post.....	5.11	
01 54 23 00-0045 WK 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post.....	15.34	
01 54 23 00-0046 MO 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post.....	25.57	
01 54 23 00-0047 Temporary Lumber (01 54 23) Note: Includes removal after use.		
01 54 23 00-0048 SF 5/16" CD Grade Plywood, Temporary Lumber.....	2.18	0.56
01 54 23 00-0049 SF 1/2" CD Grade Plywood, Temporary Lumber.....	3.06	0.56
01 54 23 00-0050 SF 5/8" CD Grade Plywood, Temporary Lumber.....	3.24	0.56
01 54 23 00-0051 SF 3/4" CD Grade Plywood, Temporary Lumber.....	3.87	0.56
01 54 23 00-0052 SF 1" CD Grade Plywood, Temporary Lumber.....	6.37	0.85
01 54 23 00-0053 LF 2" x 4" Temporary Lumber	1.11	1.17
01 54 23 00-0054 LF 2" x 6" Temporary Lumber	1.65	1.17
01 54 23 00-0055 LF 2" x 8" Temporary Lumber	2.21	1.17
01 54 23 00-0056 LF 2" x 10" Temporary Lumber	2.76	1.17
01 54 23 00-0057 LF 2" x 12" Temporary Lumber	3.32	1.17
01 54 23 00-0058 LF 3" x 8" Temporary Lumber	3.32	1.17
01 54 23 00-0059 LF 3" x 10" Temporary Lumber	4.15	1.17
01 54 23 00-0060 LF 3" x 12" Temporary Lumber	4.98	1.17
01 54 23 00-0061 LF 4" x 4" Temporary Lumber	2.34	0.58
01 54 23 00-0062 LF 4" x 6" Temporary Lumber	3.37	0.73
01 54 23 00-0063 LF 6" x 6" Temporary Lumber	4.39	0.88
01 54 23 00-0064 LF 6" x 8" Temporary Lumber	5.70	1.10
01 54 23 00-0065 LF 12" x 12" Temporary Lumber	14.07	1.75
01 54 23 00-0066 Temporary Precast Concrete Blocks (01 54 23) Note: Includes removal after use.		
01 54 23 00-0067 EA 2' x 2' x 2' Temporary Precast Concrete Block.....	97.64	
01 54 23 00-0068 EA 2' x 2' x 4' Temporary Precast Concrete Block.....	122.04	
01 54 23 00-0069 EA 2' x 2' x 8' Temporary Precast Concrete Block.....	146.45	
01 54 26 Temporary Swing Staging (01 54) Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.		
01 54 26 00-0001 Swing Stage (01 54 26) Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002 MO 7' Swing Stage, Electric Operated.....	1,914.22	
01 54 26 00-0003 MO 10' Swing Stage, Electric Operated.....	2,009.93	
01 54 26 00-0004 MO 14' Swing Stage, Electric Operated.....	2,105.64	
01 54 26 00-0005 MO 20' Swing Stage, Electric Operated.....	2,201.35	
01 54 26 00-0006 MO 24' Swing Stage, Electric Operated.....	2,297.06	
01 54 26 00-0007 MO 30' Swing Stage, Electric Operated.....	2,392.78	
01 54 26 00-0008 MO 42' Swing Stage, Electric Operated.....	2,488.49	
01 54 26 00-0009 MO 12' Swing Stage, Manually Operated.....	551.98	
01 54 26 00-0010 MO 24' Swing Stage, Manually Operated.....	689.98	
01 54 26 00-0011 EA Swing Stage Platform From Hooks, Erection And Dismantling..... Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	4,368.27	
01 54 26 00-0012 EA Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling..... Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	6,070.45	
01 54 26 00-0013 EA Move Swing Stage Platform From Hooks To Different Location At Same Roof.....	2,296.93	
01 54 26 00-0014 EA Move Swing Stage Platform And Temporary Roof Mounted Outrigger System To Different Location At Same Roof.....	3,199.30	

01 General Requirements**01 50 Temporary Facilities and Controls****01 55 Vehicular Access and Parking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 55 Vehicular Access and Parking (01 50)**01 55 23 Temporary Roads** (01 55)**01 55 23 00-0001 Temporary Stabilized Construction Entrance** (01 55 23)

Note: As per Caltrans detail.

01 55 23 00-0002 SF 3" To 4" Rock Temporary Stabilized Construction Entrance Assembly.....3.60
Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.

01 55 23 00-0003 SF >4" To 6" Rock Temporary Stabilized Construction Entrance Assembly.....4.52
Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.

01 55 23 00-0004 Rumble Trench Plate (01 55 23)

01 55 23 00-0005 MO 8' x 10' Steel Rumble Trench Plate Rental.....255.66

01 55 23 00-0006 EA Placement And Removal Of Rumble Plate87.16
Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.

01 55 23 00-0007 EA Relocate And Adjust Location Of Rumble Plate.....21.79
Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.

01 55 23 00-0008 Temporary Road Ramps (Godwin) (01 55 23)

Note: Excludes asphalt and gravel.

01 55 23 00-0009 EA 4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....3,251.61 195.66

01 55 23 00-0010 EA 6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....4,442.15 293.49

01 55 23 00-0011 EA 8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....6,130.13 391.33

01 55 23 00-0012 EA 12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....12,543.79 489.15

01 55 23 00-0013 EA 24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....18,335.65 586.99

01 55 26 Traffic Control (01 55)**01 55 26 00-0001 Removable Preformed Traffic Black Line Mask** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0002 LF 6" Removable Traffic Black Line Mask.....5.10

01 55 26 00-0003 LF 8" Removable Traffic Black Line Mask.....6.25

01 55 26 00-0004 Temporary Preformed Traffic Line Tape (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0005 LF 4" Reflective Removable Traffic Line Tape.....3.88

01 55 26 00-0006 LF 6" Reflective Removable Traffic Line Tape.....5.17

01 55 26 00-0007 LF 8" Reflective Removable Traffic Line Tape.....6.36

01 55 26 00-0008 Temporary Painted Traffic Lines (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0009 LF 4" Temporary Painted Traffic Lines.....2.03

For Not Removed, Deduct -2.88

01 55 26 00-0010 LF 6" Temporary Painted Traffic Lines.....2.68

For Not Removed, Deduct -3.90

01 55 26 00-0011 LF 8" Temporary Painted Traffic Lines.....3.35

For Not Removed, Deduct -4.95

01 55 26 00-0012 Pedestrian Traffic Control (01 55 26)

01 55 26 00-0013 CLF 1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange12.91

01 55 26 00-0014 CLF 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange17.62

01 55 26 00-0015 CLF 3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow9.05

01 55 26 00-0016 CLF 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow11.45

01 55 26 00-0017 CLF 3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent.....12.96

01 55 26 00-0018 CLF 6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent.....19.01

01 55 26 00-0019 CLF 1" Exterior Vinyl Tape (Warning Tape).....16.22

01 55 26 00-0020 CLF 2" Exterior Vinyl Tape (Warning Tape).....23.90

01 55 26 00-0021 CLF 3" Exterior Vinyl Tape (Warning Tape).....31.43

01 55 26 00-0022 CLF 4" Exterior Vinyl Tape (Warning Tape).....36.86

01 55 26 00-0023 Linear Delineation System, Temporary Or Permanent (01 55 26)

Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.

01 55 26 00-0024 LF 4" Linear Delineation System7.74

01 55 26 00-0025 LF 6" Linear Delineation System10.29

01 55 26 00-0026 Traffic Protection (01 55 26)**01 55 26 00-0027 Portable Traffic Control Device Usage** (01 55 26 00-0026)

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.



General Requirements			01
Temporary Facilities and Controls			01 50
Vehicular Access and Parking			01 55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0028 DAY 28" Cone With Reflective Collar.....	0.55	
01 55 26 00-0029 WK 28" Cone With Reflective Collar.....	1.65	
01 55 26 00-0030 MO 28" Cone With Reflective Collar.....	4.94	
01 55 26 00-0031 DAY Vertical Panel.....	1.66	
01 55 26 00-0032 WK Vertical Panel.....	4.97	
01 55 26 00-0033 MO Vertical Panel.....	14.92	
01 55 26 00-0034 DAY Channelizer Drum.....	1.80	
01 55 26 00-0035 WK Channelizer Drum.....	5.40	
01 55 26 00-0036 MO Channelizer Drum.....	16.20	
01 55 26 00-0037 DAY Stackable Channelizer Panel.....	0.85	
01 55 26 00-0038 WK Stackable Channelizer Panel.....	2.55	
01 55 26 00-0039 MO Stackable Channelizer Panel.....	7.66	
01 55 26 00-0040 DAY Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	1.18	
01 55 26 00-0041 WK Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	3.54	
01 55 26 00-0042 MO Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	10.61	
01 55 26 00-0043 DAY Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	2.61	
01 55 26 00-0044 WK Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	7.84	
01 55 26 00-0045 MO Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	23.51	
01 55 26 00-0046 DAY Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	2.98	
01 55 26 00-0047 WK Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	8.93	
01 55 26 00-0048 MO Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	26.80	
01 55 26 00-0049 DAY Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	5.45	
01 55 26 00-0050 WK Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	16.34	
01 55 26 00-0051 MO Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	49.02	
01 55 26 00-0052 DAY Up To 10' Wide A Frame Barricade.....	2.99	
01 55 26 00-0053 WK Up To 10' Wide A Frame Barricade.....	8.96	
01 55 26 00-0054 MO Up To 10' Wide A Frame Barricade.....	26.88	
01 55 26 00-0055 DAY Type A Or C Flasher.....	0.61	
01 55 26 00-0056 WK Type A Or C Flasher.....	1.83	
01 55 26 00-0057 MO Type A Or C Flasher.....	5.48	
01 55 26 00-0058 DAY Type B Flasher (High Intensity).....	3.30	
01 55 26 00-0059 WK Type B Flasher (High Intensity).....	9.91	
01 55 26 00-0060 MO Type B Flasher (High Intensity).....	29.72	
01 55 26 00-0061 Traffic Barriers Usage (01 55 26 00-0026)		
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.		
01 55 26 00-0062 DAY 6' Long Portable Parking Curbs.....	1.42	
01 55 26 00-0063 WK 6' Long Portable Parking Curbs.....	4.27	
01 55 26 00-0064 MO 6' Long Portable Parking Curbs.....	12.80	
01 55 26 00-0065 DAY 6' Long Portable Speed Bumps.....	4.21	
01 55 26 00-0066 WK 6' Long Portable Speed Bumps.....	12.63	
01 55 26 00-0067 MO 6' Long Portable Speed Bumps.....	37.89	
01 55 26 00-0068 DAY Up To 12.5' Concrete Traffic Barrier.....	10.11	
01 55 26 00-0069 WK Up To 12.5' Concrete Traffic Barrier.....	30.34	
01 55 26 00-0070 MO Up To 12.5' Concrete Traffic Barrier.....	91.02	
01 55 26 00-0071 DAY >12.5' To 20' Concrete Traffic Barrier.....	20.23	
01 55 26 00-0072 WK >12.5' To 20' Concrete Traffic Barrier.....	60.68	
01 55 26 00-0073 MO >12.5' To 20' Concrete Traffic Barrier.....	182.05	
01 55 26 00-0074 DAY 6' x 32" Tall Plastic Water Barrier.....	12.08	
01 55 26 00-0075 WK 6' x 32" Tall Plastic Water Barrier.....	36.23	
01 55 26 00-0076 MO 6' x 32" Tall Plastic Water Barrier.....	108.70	
01 55 26 00-0077 DAY 6' x 46" Tall Plastic Water Barrier.....	17.24	
01 55 26 00-0078 WK 6' x 46" Tall Plastic Water Barrier.....	51.74	
01 55 26 00-0079 MO 6' x 46" Tall Plastic Water Barrier.....	155.21	
01 55 26 00-0080 DAY Sand Filled Crash Attenuator Barrels.....	6.75	
01 55 26 00-0081 WK Sand Filled Crash Attenuator Barrels.....	20.25	
01 55 26 00-0082 MO Sand Filled Crash Attenuator Barrels.....	60.75	
01 55 26 00-0083 MO 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER).....	959.84	
Note: Consists of 8 bays with nose piece at the front of the system.		
01 55 26 00-0084 Portable Signs And Message Displays Usage (01 55 26 00-0026)		
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.		
01 55 26 00-0085 DAY Mesh Or Vinyl Roll-up Sign With Stand.....	5.30	
01 55 26 00-0086 WK Mesh Or Vinyl Roll-up Sign With Stand.....	15.90	
01 55 26 00-0087 MO Mesh Or Vinyl Roll-up Sign With Stand.....	47.70	
01 55 26 00-0088 DAY Aluminum Sign And Post.....	2.94	
01 55 26 00-0089 WK Aluminum Sign And Post.....	8.82	
01 55 26 00-0090 MO Aluminum Sign And Post.....	26.45	
01 55 26 00-0091 DAY Aluminum Sign And A Frame Stand.....	4.01	
01 55 26 00-0092 WK Aluminum Sign And A Frame Stand.....	12.02	
01 55 26 00-0093 MO Aluminum Sign And A Frame Stand.....	36.06	
01 55 26 00-0094 DAY Trailer Mounted Flashing Arrow Board.....	126.00	
01 55 26 00-0095 WK Trailer Mounted Flashing Arrow Board.....	348.75	
01 55 26 00-0096 MO Trailer Mounted Flashing Arrow Board.....	446.90	
01 55 26 00-0097 DAY Trailer Mounted Portable Variable Message Sign (PVMS).....	327.00	
01 55 26 00-0098 WK Trailer Mounted Portable Variable Message Sign (PVMS).....	872.00	

01 General Requirements**01 50 Temporary Facilities and Controls****01 55 Vehicular Access and Parking**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0099	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,744.00	
01 55 26 00-0100	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two)..... Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	902.37	
01 55 26 00-0101	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two)..... Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	2,707.11	
01 55 26 00-0102	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two)..... Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	8,121.33	
01 55 26 00-0103		Place And Remove Traffic Protection Using Truck (01 55 26 00-0026) Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0037 for delivery >15 miles.		
01 55 26 00-0104	EA	Placement And Removal Of Up To 250 Cones Using Truck	4.30	
01 55 26 00-0105	EA	Placement And Removal Of >250 Cones Using Truck	3.44	
01 55 26 00-0106	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	5.74	
01 55 26 00-0107	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck	4.58	
01 55 26 00-0108	EA	Placement And Removal Of Up To 250 Barricades Using Truck	8.60	
01 55 26 00-0109	EA	Placement And Removal Of >250 Barricades Using Truck.....	8.88	
01 55 26 00-0110	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck	8.60	
01 55 26 00-0111	EA	Placement And Removal Of Portable Sign And Stand Using Truck	5.16	
01 55 26 00-0112	EA	Placement And Removal Of Aluminum Sign And Post Using Truck	21.49	
01 55 26 00-0113	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	64.49	
01 55 26 00-0114	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier	87.16	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	217.90	
		For 2 Barriers, Add	78.44	
		For 3 Barriers, Add	26.15	
01 55 26 00-0115	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier	130.73	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	326.83	
		For 2 Barriers, Add	117.66	
		For 3 Barriers, Add	39.22	
01 55 26 00-0116	EA	Placement And Removal Of Plastic Water Barrier	48.20	
		Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	108.95	
		For 2 Barriers, Add	39.22	
		For 3 Barriers, Add	13.07	
01 55 26 00-0117	EA	Placement And Removal Of Crash Attenuator Barrels.....	65.37	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	163.43	
		For 2 Barriers, Add	58.83	
		For 3 Barriers, Add	19.61	
01 55 26 00-0118	EA	Placement And Removal Of 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER)..... Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	479.36	
01 55 26 00-0119		Place And Remove Traffic Protection From Roadside (Daily) (01 55 26 00-0026)		
01 55 26 00-0120	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside.....	2.15	
01 55 26 00-0121	EA	Placement And Removal Of >250 Cones By Hand From Roadside	1.72	
01 55 26 00-0122	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	2.87	
01 55 26 00-0123	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside	2.29	
01 55 26 00-0124	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside	4.30	
01 55 26 00-0125	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	3.44	
01 55 26 00-0126	EA	Placement And Removal Of Portable Sign And Stand From Roadside	2.64	
01 55 26 00-0127	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside	32.24	
01 55 26 00-0128	EA	Roadside Relocation Of Concrete Traffic Barrier	43.58	
		Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.		
01 55 26 00-0129		Temporary Rumble Strips (01 55 26) Note: Includes removal after use.		
01 55 26 00-0130	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	9.14	
01 55 26 00-0131	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	6.72	
01 56		Temporary Barriers and Enclosures (01 50) Note: Includes removal after use.		
01 56 16		Temporary Dust Barriers (01 56)		
01 56 16 00-0001		Temporary Sheeting For Protection (01 56 16) Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0002	SF	4 Mil, Plastic Sheeting, Applied To Floors	0.30	
01 56 16 00-0003	SF	4 Mil, Plastic Sheeting, Applied To Walls	0.41	



General Requirements			01	5
Temporary Facilities and Controls			01 50	
Temporary Barriers and Enclosures			01 56	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
01 56 16 00-0004	SF 4 Mil, Plastic Sheeting, Applied To Ceilings	0.55			
01 56 16 00-0005	SF 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.32			
01 56 16 00-0006	SF 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.43			
01 56 16 00-0007	SF 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.57			
01 56 16 00-0008	SF 6 Mil, Plastic Sheeting, Applied To Floors	0.32			
01 56 16 00-0009	SF 6 Mil, Plastic Sheeting, Applied To Walls	0.43			
01 56 16 00-0010	SF 6 Mil, Plastic Sheeting, Applied To Ceilings	0.57			
01 56 16 00-0011	SF 6 Mil, Plastic Sheeting, Applied To Scaffolding	0.56			
01 56 16 00-0012	SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.38			
01 56 16 00-0013	SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.49			
01 56 16 00-0014	SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.63			
01 56 16 00-0015	SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding	0.59			
01 56 16 00-0016	SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors	0.39			
01 56 16 00-0017	SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls	0.50			
01 56 16 00-0018	SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings	0.64			
01 56 16 00-0019	SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding	0.60			
01 56 16 00-0020	SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Floors	0.39			
01 56 16 00-0021	SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Walls	0.50			
01 56 16 00-0022	SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings	0.64			
01 56 16 00-0023	SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.60			
01 56 16 00-0024	SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors	0.44			
01 56 16 00-0025	SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls	0.55			
01 56 16 00-0026	SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings	0.69			
01 56 16 00-0027	SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.65			
01 56 16 00-0028	SF 10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.72			
01 56 16 00-0029	Temporary Canvas For Protection (01 56 16) Note: Includes removal after use.				
01 56 16 00-0030	SF Heavy Duty Woven Water Repellant Canvas, Applied To Walls	0.88			
01 56 16 00-0031	Accessories For Temporary Sheeting (01 56 16) Note: Includes removal after use.				
01 56 16 00-0032	EA 7' Zipper Door For Plastic Sheeting	17.95			
01 56 16 00-0033	LF Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall)	6.51			
	Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.				
01 56 16 00-0034	Temporary Stud Wall (01 56 16) Note: Includes removal after use.				
01 56 16 00-0035	Temporary Stud Wall With Drywall (01 56 16 00-0034) Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.				
01 56 16 00-0036	Temporary Stud Wall With Drywall (01 56 16 00-0035)				
01 56 16 00-0037	SF 3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.72			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0038	SF 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.72			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0039	SF 5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.80			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0040	SF 3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.64			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			
01 56 16 00-0041	SF 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.64			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			
01 56 16 00-0042	SF 5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.81			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			
01 56 16 00-0043	Temporary Stud Wall With Fire Rated Drywall (01 56 16 00-0035)				
01 56 16 00-0044	SF 1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.81			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0045	SF 5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.84			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0046	SF 5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.79			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0047	SF 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.43			
	For Metal Studs 24" On Center, Add/Deduct	-0.27			
01 56 16 00-0048	SF 1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.83			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			
01 56 16 00-0049	SF 5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.89			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			
01 56 16 00-0050	SF 5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.79			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			
01 56 16 00-0051	SF 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.05			
	For Metal Studs 24" On Center, Add/Deduct	-0.20			

01 General Requirements**01 50 Temporary Facilities and Controls****01 56 Temporary Barriers and Enclosures**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 56 16 00-0052		Temporary Stud Wall With Oriented Strand Board (OSB) (01 56 16 00-0034)	
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.	
01 56 16 00-0053	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.40
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0054	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.53
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0055	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.92
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0056	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.13
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0057	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.00
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0058	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.27
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0059	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.04
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0060	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.47
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0061		Temporary Stud Wall With BC Plywood (01 56 16 00-0034)	
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.	
01 56 16 00-0062	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.32
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0063	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.83
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0064	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.93
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0065	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	8.30
		For Metal Studs 24" On Center, Add/Deduct	-0.27
01 56 16 00-0066	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.85
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0067	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	11.86
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0068	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	12.07
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0069	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	12.79
		For Metal Studs 24" On Center, Add/Deduct	-0.20
01 56 16 00-0070		Temporary Stud Wall With Plastic Sheeting (01 56 16 00-0034)	
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.	
01 56 16 00-0071	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.58
		For Metal Studs 24" On Center, Add/Deduct	-0.36
01 56 16 00-0072	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.63
		For Metal Studs 24" On Center, Add/Deduct	-0.36
01 56 16 00-0073	SF	6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.65
		For Metal Studs 24" On Center, Add/Deduct	-0.36
01 56 16 00-0074	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.64
		For Metal Studs 24" On Center, Add/Deduct	-0.36
01 56 16 00-0075	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.69
		For Metal Studs 24" On Center, Add/Deduct	-0.36
01 56 16 00-0076		14' High Temporary Stud Walls (01 56 16 00-0034)	
01 56 16 00-0077	LF	14' High Temporary Stud Wall	159.06
		Note: Includes 2" x 4" wood studs 16" O.C., with 2" x 4" top and bottom stud, 3/4" plywood on one side, 5/8" gypsum board on one side, firetaped and finished, visqueen with 2' lap welded seams, R13 insulation and caulked at top and bottom.	
01 56 16 00-0078		Temporary Doors (01 56 16 00-0034)	
		Note: For temporary stud walls. Includes removal after use.	
01 56 16 00-0079	EA	Temporary Metal Door And Frame	500.92
		Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	
01 56 16 00-0080		Temporary Floor Protection (01 56 16)	
		Note: Includes removal after use.	
01 56 16 00-0081	SF	Masonite For Temporary Floor Protection	1.61
01 56 16 00-0082	SF	1/2" Plywood For Temporary Floor Protection	2.28
01 56 16 00-0083	SF	3/4" Plywood For Temporary Floor Protection	2.78
01 56 16 00-0084	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection	0.93
01 56 16 00-0085	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection	0.30
01 56 16 00-0086	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film	19.32
01 56 16 00-0087		Sticky Mats (01 56 16)	
		Note: Includes removal after use.	



General Requirements			01	5
Temporary Facilities and Controls			01 50	
Temporary Barriers and Enclosures			01 56	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0088	EA	18" x 36", 30 Layer Sticky Mat	25.20	
		For 60 Layers Instead Of 30, Add	15.82	
01 56 16 00-0089	EA	18" x 46", 30 Layer Sticky Mat	28.72	
		For 60 Layers Instead Of 30, Add	18.46	
01 56 16 00-0090	EA	24" x 36", 30 Layer Sticky Mat	28.72	
		For 60 Layers Instead Of 30, Add	18.46	
01 56 16 00-0091	EA	25" x 45", 30 Layer Sticky Mat	37.51	
		For 60 Layers Instead Of 30, Add	25.05	
01 56 16 00-0092	EA	36" x 36", 30 Layer Sticky Mat	41.02	
		For 60 Layers Instead Of 30, Add	27.68	
01 56 16 00-0093	EA	36" x 46", 30 Layer Sticky Mat	44.54	
		For 60 Layers Instead Of 30, Add	30.32	
01 56 16 00-0094	EA	36" x 60", 30 Layer Sticky Mat	88.48	
		For 60 Layers Instead Of 30, Add	63.28	
01 56 16 00-0095	EA	36" x 72", 30 Layer Sticky Mat	105.35	
01 56 26 Temporary Fencing (01 56)				
01 56 26 00-0001		Temporary Fencing (01 56 26) Note: Per ASTM A392-06 Standards		
01 56 26 00-0002		Temporary Chain Link Fence (01 56 26 00-0001) Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months (01 56 26 00-0002)		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	6.27	
		For >100 To 250, Deduct	-0.15	
		For >250 To 500, Deduct	-0.30	
		For >500, Deduct	-0.45	
		For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	6.98	
		For >100 To 250, Deduct	-0.17	
		For >250 To 500, Deduct	-0.34	
		For >500, Deduct	-0.51	
		For Each LF Shade Cloth, Add	2.55	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	9.64	
		For >100 To 250, Deduct	-0.29	
		For >250 To 500, Deduct	-0.57	
		For >500, Deduct	-0.86	
		For Each LF Shade Cloth, Add	3.60	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	21.30	
		For >100 To 250, Deduct	-0.85	
		For >250 To 500, Deduct	-1.70	
		For >500, Deduct	-2.54	
		For Each LF Shade Cloth, Add	4.75	
01 56 26 00-0008		Temporary Chain Link Fence, >6 To 12 Months (01 56 26 00-0002)		
01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	6.58	
		For >100 To 250, Deduct	-0.17	
		For >250 To 500, Deduct	-0.33	
		For >500, Deduct	-0.50	
		For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	7.32	
		For >100 To 250, Deduct	-0.19	
		For >250 To 500, Deduct	-0.37	
		For >500, Deduct	-0.56	
		For Each LF Shade Cloth, Add	2.55	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	10.20	
		For >100 To 250, Deduct	-0.31	
		For >250 To 500, Deduct	-0.63	
		For >500, Deduct	-0.94	
		For Each LF Shade Cloth, Add	3.60	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	22.99	
		For >100 To 250, Deduct	-0.93	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.80	
		For Each LF Shade Cloth, Add	4.75	
01 56 26 00-0013		Temporary Chain Link Fence, >12 To 18 Months (01 56 26 00-0002)		
01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	6.91	
		For >100 To 250, Deduct	-0.18	
		For >250 To 500, Deduct	-0.36	
		For >500, Deduct	-0.54	
		For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	7.70	
		For >100 To 250, Deduct	-0.20	
		For >250 To 500, Deduct	-0.41	
		For >500, Deduct	-0.61	
		For Each LF Shade Cloth, Add	2.55	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0016 LF Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months.....	10.84	
For >100 To 250, Deduct	-0.35	
For >250 To 500, Deduct	-0.69	
For >500, Deduct	-1.04	
For Each LF Shade Cloth, Add	3.60	
01 56 26 00-0017 LF Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months.....	24.85	
For >100 To 250, Deduct	-1.03	
For >250 To 500, Deduct	-2.05	
For >500, Deduct	-3.08	
For Each LF Shade Cloth, Add	4.75	
01 56 26 00-0018 Temporary Chain Link Fence, >18 Months (01 56 26 00-0002)		
01 56 26 00-0019 LF Temporary 4' High Chain Link Fence And Posts, >18 Months.....	7.27	
For >100 To 250, Deduct	-0.20	
For >250 To 500, Deduct	-0.40	
For >500, Deduct	-0.60	
For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0020 LF Temporary 6' High Chain Link Fence And Posts, >18 Months.....	8.08	
For >100 To 250, Deduct	-0.22	
For >250 To 500, Deduct	-0.45	
For >500, Deduct	-0.67	
For Each LF Shade Cloth, Add	2.55	
01 56 26 00-0021 LF Temporary 8' High Chain Link Fence And Posts, >18 Months.....	11.52	
For >100 To 250, Deduct	-0.38	
For >250 To 500, Deduct	-0.76	
For >500, Deduct	-1.14	
For Each LF Shade Cloth, Add	3.60	
01 56 26 00-0022 LF Temporary 10' High Chain Link Fence And Posts, >18 Months.....	26.90	
For >100 To 250, Deduct	-1.13	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-3.38	
For Each LF Shade Cloth, Add	4.75	
01 56 26 00-0023 Temporary Chain Link Fence Gates (01 56 26 00-0001)		
Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)		
01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0026 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	252.08	
For Each LF Shade Cloth, Add	14.23	
01 56 26 00-0027 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	427.67	
For Each LF Shade Cloth, Add	35.57	
01 56 26 00-0028 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	479.04	
For Each LF Shade Cloth, Add	42.68	
01 56 26 00-0029 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	545.17	
For Each LF Shade Cloth, Add	53.35	
01 56 26 00-0030 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	653.23	
For Each LF Shade Cloth, Add	71.14	
01 56 26 00-0031 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	726.85	
For Each LF Shade Cloth, Add	85.37	
01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0033 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	269.77	
For Each LF Shade Cloth, Add	22.68	
01 56 26 00-0034 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	461.64	
For Each LF Shade Cloth, Add	56.69	
01 56 26 00-0035 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	518.22	
For Each LF Shade Cloth, Add	68.03	
01 56 26 00-0036 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	600.23	
For Each LF Shade Cloth, Add	85.03	
01 56 26 00-0037 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	725.68	
For Each LF Shade Cloth, Add	113.38	
01 56 26 00-0038 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	822.94	
For Each LF Shade Cloth, Add	136.05	
01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0040 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	301.16	
For Each LF Shade Cloth, Add	32.01	
01 56 26 00-0041 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	528.74	
For Shade Cloth, Add	80.03	
01 56 26 00-0042 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	591.53	
For Shade Cloth, Add	96.04	
01 56 26 00-0043 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	676.99	
For Shade Cloth, Add	120.05	
01 56 26 00-0044 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	827.37	
For Shade Cloth, Add	160.06	
01 56 26 00-0045 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	959.34	
For Shade Cloth, Add	192.08	



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0047 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	365.06	
For Each LF Shade Cloth, Add	42.24	
01 56 26 00-0048 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	634.46	
For Each LF Shade Cloth, Add	105.60	
01 56 26 00-0049 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	711.24	
For Each LF Shade Cloth, Add	126.72	
01 56 26 00-0050 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	812.81	
For Each LF Shade Cloth, Add	158.40	
01 56 26 00-0051 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	993.61	
For Each LF Shade Cloth, Add	211.19	
01 56 26 00-0052 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,146.85	
For Each LF Shade Cloth, Add	253.43	
01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		
01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0055 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	261.61	
For Each LF Shade Cloth, Add	14.23	
01 56 26 00-0056 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	442.49	
For Each LF Shade Cloth, Add	35.57	
01 56 26 00-0057 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	495.97	
For Each LF Shade Cloth, Add	42.68	
01 56 26 00-0058 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	564.22	
For Each LF Shade Cloth, Add	53.35	
01 56 26 00-0059 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	676.52	
For Each LF Shade Cloth, Add	71.14	
01 56 26 00-0060 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	752.26	
For Each LF Shade Cloth, Add	85.37	
01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0062 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	279.73	
For Each LF Shade Cloth, Add	22.68	
01 56 26 00-0063 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	477.13	
For Each LF Shade Cloth, Add	56.69	
01 56 26 00-0064 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	535.92	
For Each LF Shade Cloth, Add	68.03	
01 56 26 00-0065 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	620.16	
For Each LF Shade Cloth, Add	85.03	
01 56 26 00-0066 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	750.03	
For Each LF Shade Cloth, Add	113.38	
01 56 26 00-0067 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	849.50	
For Each LF Shade Cloth, Add	136.05	
01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0069 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	312.12	
For Each LF Shade Cloth, Add	32.01	
01 56 26 00-0070 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	545.78	
For Shade Cloth, Add	80.03	
01 56 26 00-0071 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	611.01	
For Shade Cloth, Add	96.04	
01 56 26 00-0072 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	698.90	
For Shade Cloth, Add	120.05	
01 56 26 00-0073 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	854.15	
For Shade Cloth, Add	160.06	
01 56 26 00-0074 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	988.56	
For Shade Cloth, Add	192.08	
01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0076 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	378.75	
For Each LF Shade Cloth, Add	42.24	
01 56 26 00-0077 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	655.77	
For Each LF Shade Cloth, Add	105.60	
01 56 26 00-0078 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	735.59	
For Each LF Shade Cloth, Add	126.72	
01 56 26 00-0079 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	840.20	
For Each LF Shade Cloth, Add	158.40	
01 56 26 00-0080 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,027.09	
For Each LF Shade Cloth, Add	211.19	
01 56 26 00-0081 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,183.37	
For Each LF Shade Cloth, Add	253.43	
01 56 26 00-0082 Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0023)		
01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	271.61	
		For Each LF Shade Cloth, Add	14.23	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	458.05	
		For Each LF Shade Cloth, Add	35.57	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	513.76	
		For Each LF Shade Cloth, Add	42.68	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	584.23	
		For Each LF Shade Cloth, Add	53.35	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	700.97	
		For Each LF Shade Cloth, Add	71.14	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	778.93	
		For Each LF Shade Cloth, Add	85.37	
01 56 26 00-0090		6' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	290.19	
		For Each LF Shade Cloth, Add	22.68	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	493.40	
		For Each LF Shade Cloth, Add	56.69	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	554.51	
		For Each LF Shade Cloth, Add	68.03	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	641.07	
		For Each LF Shade Cloth, Add	85.03	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	775.60	
		For Each LF Shade Cloth, Add	113.38	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	877.39	
		For Each LF Shade Cloth, Add	136.05	
01 56 26 00-0097		8' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	323.63	
		For Each LF Shade Cloth, Add	32.01	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	563.68	
		For Shade Cloth, Add	80.03	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	631.46	
		For Shade Cloth, Add	96.04	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	721.91	
		For Shade Cloth, Add	120.05	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	882.28	
		For Shade Cloth, Add	160.06	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	1,019.23	
		For Shade Cloth, Add	192.08	
01 56 26 00-0104		10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	393.13	
		For Each LF Shade Cloth, Add	42.24	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	678.14	
		For Each LF Shade Cloth, Add	105.60	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	761.16	
		For Each LF Shade Cloth, Add	126.72	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	868.96	
		For Each LF Shade Cloth, Add	158.40	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	1,062.24	
		For Each LF Shade Cloth, Add	211.19	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months.....	1,221.72	
		For Each LF Shade Cloth, Add	253.43	
01 56 26 00-0111		Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)		
01 56 26 00-0112		4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months.....	281.61	
		For Each LF Shade Cloth, Add	14.23	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months.....	473.61	
		For Each LF Shade Cloth, Add	35.57	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months.....	531.54	
		For Each LF Shade Cloth, Add	42.68	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months.....	604.24	
		For Each LF Shade Cloth, Add	53.35	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months.....	725.43	
		For Each LF Shade Cloth, Add	71.14	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months.....	805.61	
		For Each LF Shade Cloth, Add	85.37	
01 56 26 00-0119		6' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months.....	300.65	
		For Each LF Shade Cloth, Add	22.68	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months.....	509.67	
		For Each LF Shade Cloth, Add	56.69	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months.....	573.11	
		For Each LF Shade Cloth, Add	68.03	



General Requirements			01	5
Temporary Facilities and Controls			01 50	
Temporary Barriers and Enclosures			01 56	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months.....	661.99	
		For Each LF Shade Cloth, Add	85.03	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months.....	801.16	
		For Each LF Shade Cloth, Add	113.38	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months.....	905.28	
		For Each LF Shade Cloth, Add	136.05	
01 56 26 00-0126 8' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)				
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months.....	335.13	
		For Each LF Shade Cloth, Add	32.01	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months.....	581.57	
		For Shade Cloth, Add	80.03	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months.....	651.92	
		For Shade Cloth, Add	96.04	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months.....	744.92	
		For Shade Cloth, Add	120.05	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months.....	910.40	
		For Shade Cloth, Add	160.06	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months.....	1,049.91	
		For Shade Cloth, Add	192.08	
01 56 26 00-0133 10' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)				
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months.....	407.51	
		For Each LF Shade Cloth, Add	42.24	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months.....	700.51	
		For Each LF Shade Cloth, Add	105.60	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months.....	786.72	
		For Each LF Shade Cloth, Add	126.72	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months.....	897.72	
		For Each LF Shade Cloth, Add	158.40	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months.....	1,097.39	
		For Each LF Shade Cloth, Add	211.19	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months.....	1,260.07	
		For Each LF Shade Cloth, Add	253.43	
01 56 26 00-0140 Temporary Chain Link Fence Panels (Portable) (01 56 26 00-0001)				
Note: Includes delivery, set-up and removal. Excludes sandbags.				
01 56 26 00-0141 Temporary Chain Link Fence Panels (Portable), Up To 6 Months (01 56 26 00-0140)				
01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months.....	6.86	
		For >100 To 250, Deduct	-0.18	
		For >250 To 500, Deduct	-0.36	
		For >500, Deduct	-0.54	
		For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months.....	7.62	
		For >100 To 250, Deduct	-0.20	
		For >250 To 500, Deduct	-0.40	
		For >500, Deduct	-0.60	
		For Each LF Shade Cloth, Add	2.55	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months.....	10.41	
		For >100 To 250, Deduct	-0.32	
		For >250 To 500, Deduct	-0.65	
		For >500, Deduct	-0.97	
		For Each LF Shade Cloth, Add	3.60	
01 56 26 00-0145 Temporary Chain Link Fence Panels (Portable), >6 To 12 Months (01 56 26 00-0140)				
01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months.....	7.17	
		For >100 To 250, Deduct	-0.19	
		For >250 To 500, Deduct	-0.39	
		For >500, Deduct	-0.58	
		For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months.....	7.96	
		For >100 To 250, Deduct	-0.22	
		For >250 To 500, Deduct	-0.44	
		For >500, Deduct	-0.65	
		For Each LF Shade Cloth, Add	2.55	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months.....	10.97	
		For >100 To 250, Deduct	-0.35	
		For >250 To 500, Deduct	-0.70	
		For >500, Deduct	-1.05	
		For Each LF Shade Cloth, Add	3.60	
01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months (01 56 26 00-0140)				
01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months.....	7.47	
		For >100 To 250, Deduct	-0.21	
		For >250 To 500, Deduct	-0.42	
		For >500, Deduct	-0.63	
		For Each LF Shade Cloth, Add	1.60	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0151 LF Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months .....8.34 For >100 To 250, Deduct .....-0.24 For >250 To 500, Deduct .....-0.47 For >500, Deduct .....-0.71 For Each LF Shade Cloth, Add .....2.55		
01 56 26 00-0152 LF Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months .....11.61 For >100 To 250, Deduct .....-0.38 For >250 To 500, Deduct .....-0.77 For >500, Deduct .....-1.15 For Each LF Shade Cloth, Add .....3.60		
01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months (01 56 26 00-0140)		
01 56 26 00-0154 LF Temporary 4' High Chain Link Fence Panels (Portable), >18 Months .....7.86 For >100 To 250, Deduct .....-0.23 For >250 To 500, Deduct .....-0.46 For >500, Deduct .....-0.69 For Each LF Shade Cloth, Add .....1.60		
01 56 26 00-0155 LF Temporary 6' High Chain Link Fence Panels (Portable), >18 Months .....8.72 For >100 To 250, Deduct .....-0.26 For >250 To 500, Deduct .....-0.51 For >500, Deduct .....-0.77 For Each LF Shade Cloth, Add .....2.55		
01 56 26 00-0156 LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months .....12.27 For >100 To 250, Deduct .....-0.42 For >250 To 500, Deduct .....-0.83 For >500, Deduct .....-1.25 For Each LF Shade Cloth, Add .....3.60		
01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags (01 56 26 00-0140)		
01 56 26 00-0158 BAG Temporary Chain Link Fence Panels (Portable) Sandbag .....6.23 Note: Includes placement and removal.		
01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels (01 56 26 00-0001) Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site (01 56 26 00-0159)		
01 56 26 00-0161 LF Relocate Temporary 4' High Chain Link Fence And Posts .....2.96		
01 56 26 00-0162 LF Relocate Temporary 6' High Chain Link Fence And Posts .....4.45		
01 56 26 00-0163 LF Relocate Temporary 8' High Chain Link Fence And Posts .....6.43		
01 56 26 00-0164 LF Relocate Temporary 10' High Chain Link Fence And Posts .....7.90		
01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site (01 56 26 00-0159)		
01 56 26 00-0166 LF Relocate Temporary 4' High Chain Link Fence Panel, Self Standing .....0.82		
01 56 26 00-0167 LF Relocate Temporary 6' High Chain Link Fence Panel, Self Standing .....0.98		
01 56 26 00-0168 LF Relocate Temporary 8' High Chain Link Fence Panel, Self Standing .....1.10		
01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site (01 56 26 00-0159)		
01 56 26 00-0170 EA Relocate Temporary 4' High Chain Link Vehicle Gate And Posts .....106.62		
01 56 26 00-0171 EA Relocate Temporary 6' High Chain Link Vehicle Gate And Posts .....123.03		
01 56 26 00-0172 EA Relocate Temporary 8' High Chain Link Vehicle Gate And Posts .....151.74		
01 56 26 00-0173 EA Relocate Temporary 10' High Chain Link Vehicle Gate And Posts .....164.05		
01 56 26 00-0174 Temporary Rail And Timber Structure (01 56 26)		
01 56 26 00-0175 LF 4' High Temporary Rail And Timber Structure .....168.28 Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01 56 26 00-0176 LF 6' High Temporary Rail And Timber Structure .....239.42 Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01 56 26 00-0177 LF 8' High Temporary Rail And Timber Structure .....310.56 Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01 56 26 00-0178 LF 10' High Temporary Rail And Timber Structure .....392.68 Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01 56 26 00-0179 LF 12' High Temporary Rail And Timber Structure .....455.61 Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01 56 26 00-0180 LF 15' High Temporary Rail And Timber Structure .....522.65 Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01 56 26 00-0181 Temporary Safety Fence (01 56 26) Note: Includes removal after use.		
01 56 26 00-0182 LF 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence .....2.93		



General Requirements			01	5
Temporary Facilities and Controls			01 50	
Temporary Barriers and Enclosures			01 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 29 Temporary Protective Walkways (01 56)

01 56 29 00-0001 Temporary Sidewalk Bridge Protection (01 56 29)

Note: Includes removal after use.

01 56 29 00-0002 Installation of Sidewalk Bridge (01 56 29 00-0001)

01 56 29 00-0003	LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	143.45	
Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.				
For 3 Post System, Add			6.00	
For Each Additional Foot Over 8' Wide, Add			3.00	
For Each Additional Foot Over 8' High, Add			2.00	
01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	3.65	

01 56 29 00-0005 Monthly Rental of Sidewalk Bridge (01 56 29 00-0001)

01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	9.60	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			1.44	
01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	10.81	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			1.62	
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	12.01	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			1.80	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	12.01	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			1.80	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	13.20	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			1.98	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	15.62	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			2.34	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	14.42	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			2.16	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	16.82	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			2.52	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	18.00	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.				
For 3 Post System, Add			2.70	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	1.80	

01 56 29 00-0016 Removal of Sidewalk Bridge (01 56 29 00-0001)

01 56 29 00-0017	LF	Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	29.86	
Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.				
For 3 Post System, Add			2.50	
For Each Additional Foot Over 8' Wide, Add			1.25	
For Each Additional Foot Over 8' High, Add			0.75	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	1.83	

01 56 29 00-0019 Safety Nets (01 56 29)

Note: Includes removal after use.

01 56 29 00-0020	SF	Small Mesh Debris Netting	1.67	
Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.				

01 56 33 Temporary Security Barriers (01 56)

01 56 33 00-0001 Board-up Opening With Plywood (01 56 33)

Note: For use where directed by owner for boarding up door and window openings.

01 56 33 00-0002	OPN	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	12.31	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	8.50	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	9.79	

01 56 33 00-0005 Temporary Pedestrian Barricade (01 56 33)

Note: Portable, interlocking galvanized steel fence with pivoting legs.

01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	8.95	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	21.73	

01 General Requirements
01 50 Temporary Facilities and Controls
01 56 Temporary Barriers and Enclosures



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 33 00-0008 MO 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....65.19

01 56 39 Temporary Tree and Plant Protection (01 56)

01 56 39 00-0001		Temporary Tree Guards (01 56 39) Note: Includes digging holes and removal after use.		
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	163.29	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	189.55	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	205.14	

01 57 Temporary Controls (01 50)

01 57 13 Temporary Erosion and Sediment Control (01 57)
 See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control (01 57)
 See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001		Temporary Drain Guard (01 57 23) Note: Includes removal after use.		
01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	79.45	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)	78.13	
		Note: Up to 0.87 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219)	96.66	
		Note: Up to 1.38 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356)	95.33	
		Note: Up to 1.55 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358)	115.18	
		Note: Up to 2.06 gallons oil, up to 40 lbs sediment.		

01 58 Project Identification (01 50)

Note: Includes removal after use.

01 58 13 Temporary Project Signage (01 58)

01 58 13 00-0001		Project Sign (01 58 13)		
01 58 13 00-0002		MDO Plywood Signs (01 58 13 00-0001) Note: Excludes posts.		
01 58 13 00-0003		Reflectorized, MDO Plywood Signs (01 58 13 00-0002)		
01 58 13 00-0004		Engineer Grade, Reflectorized, MDO Plywood Signs (01 58 13 00-0003)		
01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	124.34	22.56
		For High-Intensity Grade, Add	27.73	
		For Diamond Grade, Add	53.47	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	205.61	23.58
		For High-Intensity Grade, Add	55.45	
		For Diamond Grade, Add	106.95	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	286.87	24.61
		For High-Intensity Grade, Add	83.18	
		For Diamond Grade, Add	160.41	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	368.14	25.64
		For High-Intensity Grade, Add	110.90	
		For Diamond Grade, Add	213.89	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	11.54	0.82
		For High-Intensity Grade, Add	3.47	
		For Diamond Grade, Add	6.68	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0002)

01 58 13 00-0011		One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)		
01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	152.60	22.56
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	180.30	23.58
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	223.26	24.61
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	263.86	25.64
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	8.28	0.82

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	155.62	22.56
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	196.61	23.58
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	239.84	24.61
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	278.06	25.64
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	8.73	0.82



General Requirements			01
Temporary Facilities and Controls			01 50
Project Identification			01 58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 58 13 00-0023	Fabricate And Install New Posts (01 58 13 00-0001)	
Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024	LF Galvanized Metal Channel Sign Posts.....	12.99
01 58 13 00-0025	LF 4" x 4" Pressure Treated Wood Sign Posts.....	9.99
01 58 13 00-0026	LF 4" x 6" Pressure Treated Wood Sign Posts.....	11.84
01 58 13 00-0027	Owner Supplied Signs (01 58 13 00-0001)	
01 58 13 00-0028	EA Installation And Removal Of Owner Supplied Project Sign	82.03

01 60 Product Requirements (01)

01 66 Product Storage and Handling Requirements (01 60)

01 66 19 Product Handling Requirements (01 66)

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001	Transfer Delivered Materials Between Floors (01 66 19)	
Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0002	CY Transfer Delivered Material Between Floors Via Stairs, Per Floor	15.78
Note: Quantity equals volume of materials multiplied by number of floors traveled.		
01 66 19 00-0003	CY Transfer Delivered Material Between Floors Via Elevator, Per Trip	10.25
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0004	Transfer Delivered Materials Distances Greater Than 125' (01 66 19)	
Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0005	CY Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	6.40
01 66 19 00-0006	Transfer Demolition Debris Between Floors (01 66 19)	
Note: Only for use with demolition tasks.		
01 66 19 00-0007	CY Transfer Demolition Debris Between Floors Via Stairs, Per Floor	15.78
Note: Quantity equals material volume times bulk factor times number of floors traveled.		
01 66 19 00-0008	CY Transfer Demolition Debris Between Floors Via Elevator, Per Trip	10.25
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0009	Transfer Demolition Debris Distances Greater Than 125' (01 66 19)	
Note: Only for use with demolition tasks.		
01 66 19 00-0010	CY Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	6.40
01 66 19 00-0011	Moving Furniture And Furnishings (01 66 19)	
Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0012	SF Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings	1.02
Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.		

01 66 23 Off-Site Storage Facilities (01 66)

01 66 23 00-0001	Climate And Humidity Controlled Off-site Storage Facility (01 66 23)	
01 66 23 00-0002	MO 5' x 10', Climate And Humidity Controlled Storage Facility	190.73
01 66 23 00-0003	MO 10' x 10', Climate And Humidity Controlled Storage Facility	213.67
01 66 23 00-0004	MO 10' x 20', Climate And Humidity Controlled Storage Facility	392.92
01 66 23 00-0005	MO 15' x 15', Climate And Humidity Controlled Storage Facility	483.27
01 66 23 00-0006	MO 10' x 30', Climate And Humidity Controlled Storage Facility	619.50

01 70 Execution and Closeout Requirements (01)

01 71 Examination and Preparation (01 70)

01 71 13 Mobilization (01 71)

01 71 13 00-0001	Equipment Delivery, Pickup, Mobilization And Demobilization (01 71 13)	
Note: Excludes flagman for traffic control where necessary.		
01 71 13 00-0002	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	268.61
Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.		

01 General Requirements
01 70 Execution and Closeout Requirements
01 71 Examination and Preparation



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0003 EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed .....922.54 Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.		
01 71 13 00-0004 Crane Delivery, Pickup, Mobilization And Demobilization (01 71 13) Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01 71 13 00-0005 EA Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane .....429.79 Note: Includes delivery and pickup.		
For >30 To 60 Miles Radius, Add	107.45	
For >60 To 100 Miles Radius, Add	171.92	
01 71 13 00-0006 EA 20 To 30 Ton Lift Move On/Off Cost, Hydraulic Crane .....698.40 Note: Includes delivery and pickup.		
For >30 To 60 Miles Radius, Add	174.60	
For >60 To 100 Miles Radius, Add	279.36	
01 71 13 00-0007 EA 40 To 50 Ton Lift Move On/Off Cost, Hydraulic Crane .....967.02 Note: Includes delivery and pickup.		
For >30 To 60 Miles Radius, Add	241.76	
For >60 To 100 Miles Radius, Add	386.81	
01 71 13 00-0008 EA 70 To 100 Ton Lift Move On/Off Cost, Hydraulic Crane .....1,557.97 Note: Includes delivery and pickup.		
For >30 To 60 Miles Radius, Add	389.49	
For >60 To 100 Miles Radius, Add	623.19	
01 71 13 00-0009 EA 75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....1,235.64 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	308.91	
For >60 To 100 Miles Radius, Add	494.26	
01 71 13 00-0010 EA 100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....1,987.76 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	496.94	
For >60 To 100 Miles Radius, Add	795.10	
01 71 13 00-0011 EA 125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....2,503.51 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	625.88	
For >60 To 100 Miles Radius, Add	1,001.40	
01 71 13 00-0012 EA 150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....3,105.21 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	776.30	
For >60 To 100 Miles Radius, Add	1,242.08	
01 71 13 00-0013 EA 250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....4,512.76 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	1,128.19	
For >60 To 100 Miles Radius, Add	1,805.10	
01 71 13 00-0014 EA 300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....6,446.80 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	1,611.70	
For >60 To 100 Miles Radius, Add	2,578.72	
01 71 13 00-0015 EA 500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane .....8,864.36 Note: Includes delivery, rigging and pickup.		
For >30 To 60 Miles Radius, Add	2,216.09	
For >60 To 100 Miles Radius, Add	3,545.74	
01 71 23 Field Engineering (01 71 23)		
01 71 23 16 Construction Surveying (01 71 23)		
01 71 23 16-0001 Conventional Topographic Survey (01 71 23 16) Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.		
01 71 23 16-0002 ACR Conventional Topographic Survey Of Clear Area With Few To No Obstacles .....1,049.23		
01 71 23 16-0003 ACR Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings) .....3,052.78		
01 71 23 16-0004 ACR Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings) .....4,374.94		
01 71 23 16-0005 ACR Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings) .....6,649.69		
01 71 23 16-0006 ACR Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings) .....8,351.99		
01 71 23 16-0007 Property Lines Survey (01 71 23 16) Note: Not to be added to tasks in the "Conventional Topographic Survey" section.		
01 71 23 16-0008 LF Survey Property Lines On Cleared Land .....2.54		
01 71 23 16-0009 LF Survey Property Lines On Slightly Wooded Land .....2.93		
01 71 23 16-0010 LF Survey Property Lines On Wooded Land .....3.44		
01 71 23 16-0011 Survey Monument (01 71 23 16)		
01 71 23 16-0012 EA 3' Precast Survey Monument .....149.28 For Owner Furnished Monument, Deduct	-71.66	
01 71 23 16-0013 EA Precast Survey Monument Box With Cast Iron Frame And Cover .....219.52		
01 71 23 16-0014 EA Riser Ring For Survey Monument .....109.76		
01 71 23 16-0015 EA Adjust Survey Monument Cover To Grade .....214.97		



General Requirements		01	Σ
Execution and Closeout Requirements		01 70	
Examination and Preparation		01 71	

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0016 Facade Surveying (01 71 23 16)			
01 71 23 16-0017	LF Facade Survey And Reports (LF Of Facade x Number Of Floors).....	7.01	
01 71 23 16-0018 Utility Survey (01 71 23 16)			
Note: This survey is only for the location of underground utilities.			
01 71 23 16-0019	ACR Survey Clear Area For Underground Utilities	5,790.62	
01 71 36 Non-Destructive Concrete Examination (01 71)			
01 71 36 00-0001 Electromagnetic Survey (01 71 36)			
Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).			
01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)			
01 71 36 00-0003	EA Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	719.88	
01 71 36 00-0004	EA >1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,079.82	
01 71 36 00-0005	EA >4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	2,159.64	
01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys (01 71 36 00-0001)			
01 71 36 00-0007	EA Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	239.96	
Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.			
01 71 36 00-0008	EA GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	479.92	
Note: Includes GPS coordinates of located items and reference items.			
01 71 36 00-0009	EA CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,079.82	
Note: Includes additions to the owner provided CAD drawing.			
01 74 Cleaning and Waste Management (01 70)			
01 74 13 Progress Cleaning (01 74)			
Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.			
01 74 13 00-0001 General (01 74 13)			
01 74 13 00-0002	CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	20.53	
01 74 13 00-0003	CY Collect Existing Debris And Load Into Truck Or Dumpster	24.05	
Note: Per CY of debris removed.			
01 74 16 Site Maintenance (01 74)			
01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance (01 74 16)			
Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog®.			
01 74 16 00-0002 Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)			
01 74 16 00-0003	MSF Sweep Parking Lot, With Street Sweeper	20.49	
01 74 16 00-0004	MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	24.58	
01 74 16 00-0005 Runway Sweeping (01 74 16 00-0001)			
01 74 16 00-0006	MSF Sweep Runway, With Street Sweep	30.73	
01 74 19 Construction Waste Management and Disposal (01 74)			
Note: Tasks in this section shall be used as directed by owner.			
01 74 19 00-0001 Debris Chutes (01 74 19)			
Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.			
01 74 19 00-0002 Steel Temporary Debris Chutes (01 74 19 00-0001)			
01 74 19 00-0003	LF 18" Diameter, Steel Temporary Debris Chute	29.01	
01 74 19 00-0004	LF 30" Diameter, Steel Temporary Debris Chute	43.66	
01 74 19 00-0005 Plastic Temporary Debris Chutes (01 74 19 00-0001)			
01 74 19 00-0006	LF 24" Diameter, Plastic Temporary Debris Chute	11.47	
For Steel Liner, Add			
		2.22	
01 74 19 00-0007	LF 30" Diameter, Plastic Temporary Debris Chute	13.15	
For Steel Liner, Add			
		2.54	
01 74 19 00-0008	LF 36" Diameter, Plastic Temporary Debris Chute	14.82	
For Steel Liner, Add			
		2.87	

01 General Requirements
01 70 Execution and Closeout Requirements
01 74 Cleaning and Waste Management



MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0009		Wood Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	22.21	
01 74 19 00-0011		Construction Dumpsters Rental (01 74 19)		
		Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 74 19 00-0012	EA	10 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	539.99	
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	582.50	
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	645.00	
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	739.98	
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	840.00	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	840.00	
01 74 19 00-0018		Concrete Washout Service (01 74 19)		
01 74 19 00-0019	MO	Rampless Concrete Washout Bin Note: Includes delivery.	555.08	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin Note: Includes delivery.	666.09	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	396.12	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	858.26	
01 74 19 00-0023		Debris Processing Fee (01 74 19)		
01 74 19 00-0024		Material Recycling Fees (01 74 19 00-0023)		
		Note: Not to be used with Dumpster Tasks which include the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0025	CY	Drop-Off Asphalt At Recycling Center Note: Includes delivery.	15.43	
01 74 19 00-0026	CY	Drop-Off Non Reinforced Concrete At Recycling Center Note: Includes delivery.	20.67	
01 74 19 00-0027	CY	Drop-Off Reinforced Concrete At Recycling Center Note: Includes delivery.	31.00	
01 74 19 00-0028	CY	Drop-Off Brick Or Block At Recycling Center Note: Includes delivery.	26.87	
01 74 19 00-0029	CY	Drop-Off Dirt At Recycling Center Note: Includes delivery.	29.97	
01 74 19 00-0030	CY	Drop-Off Dimensional Lumber At Recycling Center Note: Includes delivery.	28.94	
01 74 19 00-0031		Landfill Dump Fees (01 74 19 00-0023)		
		Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0032	CY	Traditional Building Construction Materials Landfill Dump Fee Note: Includes delivery.	13.75	
01 74 19 00-0033	TON	Traditional Building Construction Materials, Landfill Dump Fee Note: Includes delivery.	59.94	
01 74 19 00-0034	CY	Trees, Stumps And Brush, Landfill Dump Fee Note: Includes delivery.	16.56	
01 74 19 00-0035	CY	Hazardous Materials And Rubbish Landfill Dump Fee Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	39.48	
01 74 19 00-0036	TON	Dump, Transfer Station Fee For Mixed Material Note: Includes delivery.	64.75	
01 74 19 00-0037		Hauling (01 74 19)		
		Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0038	CYM	Hauling Up To 15 Miles Note: Includes delivery.	1.18	
01 74 19 00-0039	CYM	Hauling, Miles Over Initial 15 Miles Note: Includes delivery.	0.89	
01 74 23		Final Cleaning (01 74)		
01 74 23 00-0001		Cleaning Of Glass (01 74 23)		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces Note: Includes delivery.	26.99	



General Requirements		01	1
Execution and Closeout Requirements		01 70	
Cleaning and Waste Management		01 74	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

END OF SECTION 01

NOT FOR BID

10	01	General Requirements	
	01 70	Execution and Closeout Requirements	
	01 74	Cleaning and Waste Management	



MINOR				TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION		UNIT COST		UNIT COST	

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NOT FOR BID



Existing Conditions		02
Assessment		02 20
Existing Material Assessment		02 25

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 Existing Conditions

02 20 Assessment⁽⁰²⁾

02 25 Existing Material Assessment^(02 20)

02 25 16 Existing Concrete, Masonry or Asphalt Assessment^(02 25)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling^(02 25 16)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation⁽⁰²⁾

02 32 Geotechnical Investigations^(02 30)

02 32 13 Subsurface Drilling and Sampling^(02 32)

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew^(02 32 13)

02 32 13 00-0002 EA Mobilization Of Drilling Crew1,095.27

02 32 13 00-0003 Auger Borings^(02 32 13)

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals32.99

02 32 13 00-0005 Cased Borings In Earth, With Samples^(02 32 13)

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples74.08

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples126.61

02 32 13 00-0008 Drilling In Rock, BW Core (2.125")^(02 32 13)

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing79.80

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes7.02

02 32 13 00-0011 Drilling In Rock, NW Core (2.98")^(02 32 13)

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing102.80

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes8.08

02 32 13 00-0014 Test Pits For Boring Activities^(02 32 13)

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits^(02 32 13 00-0014)

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation62.41

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation72.81

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation97.08

02 32 13 00-0019 Hand-Dug Test Pits^(02 32 13 00-0014)

02 32 13 00-0020 CY Excavation For Test Pit, Light Soil, Hand Excavation182.27

02 32 13 00-0021 CY Excavation For Test Pit, Heavy Soil, Hand Excavation328.08

02 32 13 00-0022 Shelby Tube Sampling^(02 32 13)

02 32 13 00-0023 EA Shelby Tube Sampling34.60

02 32 13 00-0024 EA Penetration Test28.19

02 32 13 00-0025 Grouting^(02 32 13)

02 32 13 00-0026 VLF Boreholes6.56

02 32 19 Exploratory Excavations^(02 32)

02 32 19 00-0001 Hydro Excavation^(02 32 19)

Note: Assumes on-site disposal.

02 32 19 00-0002 EA Hydro Excavation, Mobilization/Demobilization108.84

02 32 19 00-0003 EA Hydro Excavation, Minimum Charge435.36

Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck)36.28

Note: Normal soil conditions consist of silt, sand and gravel.

02 Existing Conditions**02 30 Subsurface Investigation****02 32 Geotechnical Investigations**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck).....58.04
Note: Adverse soil conditions consist of clay, glacial till and rocks.

02 40 Demolition and Structure Moving⁽⁰²⁾**02 41 Demolition^(02 40)****02 41 13 Selective Site Demolition^(02 41)****02 41 13 13 Paving Removal^(02 41 13)**

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving^(02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	6.52
		For >500 To 1,000, Deduct	-0.65
		For >1,000 To 2,500, Deduct	-1.17
		For >2,500 To 5,000, Deduct	-1.70
		For >5,000 To 10,000, Deduct	-2.22
		For >10,000, Deduct	-2.74
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving.....	9.78
		For >500 To 1,000, Deduct	-0.98
		For >1,000 To 2,500, Deduct	-1.76
		For >2,500 To 5,000, Deduct	-2.54
		For >5,000 To 10,000, Deduct	-3.33
		For >10,000, Deduct	-4.11
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving.....	13.04
		For >500 To 1,000, Deduct	-1.30
		For >1,000 To 2,500, Deduct	-2.35
		For >2,500 To 5,000, Deduct	-3.39
		For >5,000 To 10,000, Deduct	-4.43
		For >10,000, Deduct	-5.48
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	13.02
		For >500 To 1,000, Deduct	-1.30
		For >1,000 To 2,500, Deduct	-2.34
		For >2,500 To 5,000, Deduct	-3.39
		For >5,000 To 10,000, Deduct	-4.43
		For >10,000, Deduct	-5.47
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving.....	18.39
		For >500 To 1,000, Deduct	-1.84
		For >1,000 To 2,500, Deduct	-3.31
		For >2,500 To 5,000, Deduct	-4.78
		For >5,000 To 10,000, Deduct	-6.25
		For >10,000, Deduct	-7.72
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving.....	26.05
		For >500 To 1,000, Deduct	-2.61
		For >1,000 To 2,500, Deduct	-4.69
		For >2,500 To 5,000, Deduct	-6.77
		For >5,000 To 10,000, Deduct	-8.86
		For >10,000, Deduct	-10.94
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving.....	36.77
		For >500 To 1,000, Deduct	-3.68
		For >1,000 To 2,500, Deduct	-6.62
		For >2,500 To 5,000, Deduct	-9.56
		For >5,000 To 10,000, Deduct	-12.50
		For >10,000, Deduct	-15.44
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving.....	48.08
		For >500 To 1,000, Deduct	-4.81
		For >1,000 To 2,500, Deduct	-8.65
		For >2,500 To 5,000, Deduct	-12.50
		For >5,000 To 10,000, Deduct	-16.35
		For >10,000, Deduct	-20.19
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving.....	62.51
		For >500 To 1,000, Deduct	-6.25
		For >1,000 To 2,500, Deduct	-11.25
		For >2,500 To 5,000, Deduct	-16.25
		For >5,000 To 10,000, Deduct	-21.25
		For >10,000, Deduct	-26.25

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving^(02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0032 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.63
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.07
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.75



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0015	SF		Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.05	
02 41 13 13-0016	SF		>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving.....	2.60	
02 41 13 13-0017	SF		>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving.....	3.43	
02 41 13 13-0018			By Machine, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13) Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 13 13-0019	SY		Up To 3" By Machine, Break-up And Remove Bituminous Paving.....	14.54	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.36	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	7.27	
			For >500 To 1,000, Deduct	-1.45	
			For >1,000 To 2,500, Deduct	-2.62	
			For >2,500 To 5,000, Deduct	-3.78	
			For >5,000 To 10,000, Deduct	-4.94	
			For >10,000, Deduct	-6.11	
02 41 13 13-0020	SY		>3" To 6" By Machine, Break-up And Remove Bituminous Paving.....	19.84	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.95	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	9.92	
			For >500 To 1,000, Deduct	-1.98	
			For >1,000 To 2,500, Deduct	-3.57	
			For >2,500 To 5,000, Deduct	-5.16	
			For >5,000 To 10,000, Deduct	-6.75	
			For >10,000, Deduct	-8.33	
02 41 13 13-0021	SY		Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	16.73	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.02	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	8.37	
			For >500 To 1,000, Deduct	-1.67	
			For >1,000 To 2,500, Deduct	-3.01	
			For >2,500 To 5,000, Deduct	-4.35	
			For >5,000 To 10,000, Deduct	-5.69	
			For >10,000, Deduct	-7.03	
02 41 13 13-0022	SY		>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving	21.88	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.56	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	10.94	
			For >500 To 1,000, Deduct	-2.19	
			For >1,000 To 2,500, Deduct	-3.94	
			For >2,500 To 5,000, Deduct	-5.69	
			For >5,000 To 10,000, Deduct	-7.44	
			For >10,000, Deduct	-9.19	
02 41 13 13-0023	SY		Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	22.19	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.66	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	11.10	
			For >500 To 1,000, Deduct	-2.22	
			For >1,000 To 2,500, Deduct	-3.99	
			For >2,500 To 5,000, Deduct	-5.77	
			For >5,000 To 10,000, Deduct	-7.54	
			For >10,000, Deduct	-9.32	
02 41 13 13-0024	SY		>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	28.75	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	8.63	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	14.38	
			For >500 To 1,000, Deduct	-2.88	
			For >1,000 To 2,500, Deduct	-5.18	
			For >2,500 To 5,000, Deduct	-7.48	
			For >5,000 To 10,000, Deduct	-9.78	
			For >10,000, Deduct	-12.08	
02 41 13 13-0025	SY		>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	47.67	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	14.30	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	23.84	
			For >500 To 1,000, Deduct	-4.77	
			For >1,000 To 2,500, Deduct	-8.58	
			For >2,500 To 5,000, Deduct	-12.39	
			For >5,000 To 10,000, Deduct	-16.21	
			For >10,000, Deduct	-20.02	
02 41 13 13-0026	SY		Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	24.07	
			For Elevated Slab, Add	12.04	
			For >500 To 1,000, Deduct	-2.41	
			For >1,000 To 2,500, Deduct	-4.33	
			For >2,500 To 5,000, Deduct	-6.26	
			For >5,000 To 10,000, Deduct	-8.18	
			For >10,000, Deduct	-10.11	
02 41 13 13-0027	SY		>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	30.94	
			For Elevated Slab, Add	15.47	
			For >500 To 1,000, Deduct	-3.09	
			For >1,000 To 2,500, Deduct	-5.57	
			For >2,500 To 5,000, Deduct	-8.04	
			For >5,000 To 10,000, Deduct	-10.52	
			For >10,000, Deduct	-12.99	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0028 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	55.32	
For Elevated Slab, Add	27.66	
For >500 To 1,000, Deduct	-5.53	
For >1,000 To 2,500, Deduct	-9.96	
For >2,500 To 5,000, Deduct	-14.38	
For >5,000 To 10,000, Deduct	-18.81	
For >10,000, Deduct	-23.23	
02 41 13 13-0029 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	72.20	
For Elevated Slab, Add	36.10	
For >500 To 1,000, Deduct	-7.22	
For >1,000 To 2,500, Deduct	-13.00	
For >2,500 To 5,000, Deduct	-18.77	
For >5,000 To 10,000, Deduct	-24.55	
For >10,000, Deduct	-30.32	
02 41 13 13-0030 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	94.39	
For Elevated Slab, Add	47.20	
For >500 To 1,000, Deduct	-9.44	
For >1,000 To 2,500, Deduct	-16.99	
For >2,500 To 5,000, Deduct	-24.54	
For >5,000 To 10,000, Deduct	-32.09	
For >10,000, Deduct	-39.64	
02 41 13 13-0031 SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	114.55	
For Elevated Slab, Add	57.28	
For >500 To 1,000, Deduct	-11.46	
For >1,000 To 2,500, Deduct	-20.62	
For >2,500 To 5,000, Deduct	-29.78	
For >5,000 To 10,000, Deduct	-38.95	
For >10,000, Deduct	-48.11	
02 41 13 13-0032 By Hand, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13)		
Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 13 13-0033 SF Up To 3" By Hand, Break-up And Remove Bituminous Paving	3.65	
02 41 13 13-0034 SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving	4.81	
02 41 13 13-0035 SF >6" To 8" By Hand, Break-up And Remove Bituminous Paving	6.26	
02 41 13 13-0036 SF Up To 3" By Hand, Break-up And Remove Concrete Paving	4.57	
02 41 13 13-0037 SF >3" To 6" By Hand, Break-up And Remove Concrete Paving	6.31	
02 41 13 13-0038 SF >6" To 8" By Hand, Break-up And Remove Concrete Paving	8.08	
02 41 13 13-0039 SF Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	6.40	
02 41 13 13-0040 SF >3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	8.83	
02 41 13 13-0041 SF >6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	11.31	
02 41 13 13-0042 Grind Concrete (02 41 13 13)		
02 41 13 13-0043 EA Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard)	185.14	
Note: For each location up to 5' wide, feather up to 12" each direction.		
For >1/2" To 1" Depth Of Grinding, Add	27.77	
For >1" To 1-1/2" Depth Of Grinding, Add	46.29	
For Up To 5, Add	37.03	
For >5 To 10, Add	18.51	
For >25 To 50, Deduct	-18.51	
For >50 To 250, Deduct	-27.77	
For >250, Deduct	-37.03	
For Sidewalks >5', Add	18.51	
For Up To 12" Additional Feathering Per Side, Add	18.51	
02 41 13 15 Hydro Demolition (02 41 13)		
02 41 13 15-0001 Hydro Demolition Of Concrete Pavement (02 41 13 15)		
Note: Includes removal but excludes disposal of concrete.		
02 41 13 15-0002 SF Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	6.28	
02 41 13 15-0003 SF >2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	7.85	
02 41 13 15-0004 SF >4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	10.47	
02 41 13 15-0005 SF >6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	20.94	
02 41 16 Structure Demolition (02 41)		
02 41 16 13 Building Demolition (02 41 16)		
02 41 16 13-0001 Building Interior Demolition (02 41 16 13)		
Note: Guttled and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.		
02 41 16 13-0002 GSF Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	7.13	
02 41 16 13-0003 GSF Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	10.79	
02 41 16 13-0004 GSF >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	8.83	
02 41 16 13-0005 GSF >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	7.84	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0006 Commercial And Residential Structures Demolition (02 41 16 13)		
Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.		
02 41 16 13-0007 Steel Framed Building Demolition (02 41 16 13-0006)		
Note: Includes masonry partitions and concrete decks.		
02 41 16 13-0008 CCF By Pneumatic Tools/Hand, Steel Framed Building Demolition.....		67.29
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-5.05	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-10.09	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-15.14	
For Up To 500, Add	20.19	
For >500 To 1,000, Add	13.46	
For >1,000 To 2,000, Add	6.73	
For Volume Of Area Within 15' To An Adjacent Building, Add	22.21	
For No Interior Partitions, Deduct	-16.82	
02 41 16 13-0009 CCF By Machine, Steel Framed Building Demolition.....		42.05
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.15	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-6.31	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-9.46	
For Up To 500, Add	12.62	
For >500 To 1,000, Add	8.41	
For >1,000 To 2,000, Add	4.21	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	6.31	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	10.51	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	14.72	
For Volume Of Area Within 15' To An Adjacent Building, Add	13.88	
For No Interior Partitions, Deduct	-10.51	
02 41 16 13-0010 Reinforced Concrete Building Demolition (02 41 16 13-0006)		
02 41 16 13-0011 CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition.....		84.44
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-6.33	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-12.67	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-19.00	
For Up To 500, Add	25.33	
For >500 To 1,000, Add	16.89	
For >1,000 To 2,000, Add	8.44	
For Volume Of Area Within 15' To An Adjacent Building, Add	27.87	
For No Interior Partitions, Deduct	-21.11	
02 41 16 13-0012 CCF By Machine, Reinforced Concrete Building Demolition.....		55.51
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.16	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-8.33	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-12.49	
For Up To 500, Add	16.65	
For >500 To 1,000, Add	11.10	
For >1,000 To 2,000, Add	5.55	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	8.33	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	13.88	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	19.43	
For Volume Of Area Within 15' To An Adjacent Building, Add	18.32	
For No Interior Partitions, Deduct	-13.88	
02 41 16 13-0013 Masonry Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0014 CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition.....		59.33
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.45	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-8.90	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-13.35	
For Up To 500, Add	17.80	
For >500 To 1,000, Add	11.87	
For >1,000 To 2,000, Add	5.93	
For Volume Of Area Within 15' To An Adjacent Building, Add	19.58	
For No Interior Partitions, Deduct	-14.83	
02 41 16 13-0015 CCF By Machine, Masonry Construction Building Demolition.....		37.72
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-2.83	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-5.66	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-8.49	
For Up To 500, Add	11.32	
For >500 To 1,000, Add	7.54	
For >1,000 To 2,000, Add	3.77	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	5.66	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	9.43	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	13.20	
For Volume Of Area Within 15' To An Adjacent Building, Add	12.45	
For No Interior Partitions, Deduct	-9.43	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0016 Wood Frame Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition		51.57
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		-3.87
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		-7.74
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		-11.60
For Up To 500, Add		15.47
For >500 To 1,000, Add		10.31
For >1,000 To 2,000, Add		5.16
For Volume Of Area Within 15' To An Adjacent Building, Add		17.02
For No Interior Partitions, Deduct		-12.89
02 41 16 13-0018 CCF By Machine, Wood Frame Construction Building Demolition		32.28
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		-2.42
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		-4.84
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		-7.26
For Up To 500, Add		9.68
For >500 To 1,000, Add		6.46
For >1,000 To 2,000, Add		3.23
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		4.84
For Volume Of Area Within 15' To An Adjacent Building, Add		10.65
For No Interior Partitions, Deduct		-8.07
02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)		
Note: Per building volume.		
02 41 16 13-0020 CCF Sorting Of Material Debris For Recycling Prior To Hauling Off		9.01
For Up To 500, Add		2.70
For >500 To 1,000, Add		1.80
For >1,000 To 2,000, Add		0.90
02 41 16 13-0021 Foundation Demolition (02 41 16 13)		
Note: Excludes earthwork.		
02 41 16 13-0022 Concrete Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0023 CF Non Reinforced Concrete Foundation Demolition		13.69
For >135 To 405, Deduct		-1.20
For >405 To 810, Deduct		-2.40
For >810 To 2025, Deduct		-3.42
For >2025, Deduct		-5.48
02 41 16 13-0024 CF Reinforced Concrete Foundation Demolition		16.44
For >135 To 405, Deduct		-1.44
For >405 To 810, Deduct		-2.88
For >810 To 2025, Deduct		-4.11
For >2025, Deduct		-6.58
02 41 16 13-0025 Concrete Foundation Wall Demolition (02 41 16 13-0021)		
02 41 16 13-0026 SF 4" Thick Non Reinforced Concrete Foundation Wall Demolition		5.87
For >500 To 2,000, Deduct		-0.44
For >2,000 To 6,000, Deduct		-1.17
For >6,000 To 8,000, Deduct		-2.05
For >8,000, Deduct		-3.23
02 41 16 13-0027 SF 6" Thick Non Reinforced Concrete Foundation Wall Demolition		7.82
For >500 To 2,000, Deduct		-0.59
For >2,000 To 6,000, Deduct		-1.56
For >6,000 To 8,000, Deduct		-2.74
For >8,000, Deduct		-4.30
02 41 16 13-0028 SF 8" Thick Non Reinforced Concrete Foundation Wall Demolition		9.79
For >500 To 2,000, Deduct		-0.73
For >2,000 To 6,000, Deduct		-1.96
For >6,000 To 8,000, Deduct		-3.43
For >8,000, Deduct		-5.38
02 41 16 13-0029 SF 10" Thick Non Reinforced Concrete Foundation Wall Demolition		11.74
For >500 To 2,000, Deduct		-0.88
For >2,000 To 6,000, Deduct		-2.35
For >6,000 To 8,000, Deduct		-4.11
For >8,000, Deduct		-6.46
02 41 16 13-0030 SF 12" Thick Non Reinforced Concrete Foundation Wall Demolition		13.69
For >500 To 2,000, Deduct		-1.03
For >2,000 To 6,000, Deduct		-2.74
For >6,000 To 8,000, Deduct		-4.79
For >8,000, Deduct		-7.53
02 41 16 13-0031 SF 16" Thick Non Reinforced Concrete Foundation Wall Demolition		15.66
For >500 To 2,000, Deduct		-1.17
For >2,000 To 6,000, Deduct		-3.13
For >6,000 To 8,000, Deduct		-5.48
For >8,000, Deduct		-8.61
02 41 16 13-0032 SF 4" Thick Reinforced Concrete Foundation Wall Demolition		7.04
For >500 To 2,000, Deduct		-0.53
For >2,000 To 6,000, Deduct		-1.41
For >6,000 To 8,000, Deduct		-2.46
For >8,000, Deduct		-3.87



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0033	SF		6" Thick Reinforced Concrete Foundation Wall Demolition.....	9.40	
			For >500 To 2,000, Deduct	-0.71	
			For >2,000 To 6,000, Deduct	-1.88	
			For >6,000 To 8,000, Deduct	-3.29	
			For >8,000, Deduct	-5.17	
02 41 16 13-0034	SF		8" Thick Reinforced Concrete Foundation Wall Demolition.....	11.74	
			For >500 To 2,000, Deduct	-0.88	
			For >2,000 To 6,000, Deduct	-2.35	
			For >6,000 To 8,000, Deduct	-4.11	
			For >8,000, Deduct	-6.46	
02 41 16 13-0035	SF		10" Thick Reinforced Concrete Foundation Wall Demolition.....	13.89	
			For >500 To 2,000, Deduct	-1.04	
			For >2,000 To 6,000, Deduct	-2.78	
			For >6,000 To 8,000, Deduct	-4.86	
			For >8,000, Deduct	-7.64	
02 41 16 13-0036	SF		12" Thick Reinforced Concrete Foundation Wall Demolition.....	16.44	
			For >500 To 2,000, Deduct	-1.23	
			For >2,000 To 6,000, Deduct	-3.29	
			For >6,000 To 8,000, Deduct	-5.75	
			For >8,000, Deduct	-9.04	
02 41 16 13-0037	SF		16" Thick Reinforced Concrete Foundation Wall Demolition.....	18.78	
			For >500 To 2,000, Deduct	-1.41	
			For >2,000 To 6,000, Deduct	-3.76	
			For >6,000 To 8,000, Deduct	-6.57	
			For >8,000, Deduct	-10.33	
02 41 16 13-0038			Concrete Block Foundation Wall Demolition (02 41 16 13-0021)		
02 41 16 13-0039	SF		4" Thick Non Reinforced Concrete Block Foundation Wall Demolition	4.31	
			For >500 To 2,000, Deduct	-0.32	
			For >2,000 To 6,000, Deduct	-0.86	
			For >6,000 To 8,000, Deduct	-1.51	
			For >8,000, Deduct	-2.37	
02 41 16 13-0040	SF		6" Thick Non Reinforced Concrete Block Foundation Wall Demolition	4.60	
			For >500 To 2,000, Deduct	-0.35	
			For >2,000 To 6,000, Deduct	-0.92	
			For >6,000 To 8,000, Deduct	-1.61	
			For >8,000, Deduct	-2.53	
02 41 16 13-0041	SF		8" Thick Non Reinforced Concrete Block Foundation Wall Demolition	5.19	
			For >500 To 2,000, Deduct	-0.39	
			For >2,000 To 6,000, Deduct	-1.04	
			For >6,000 To 8,000, Deduct	-1.82	
			For >8,000, Deduct	-2.85	
02 41 16 13-0042	SF		10" Thick Non Reinforced Concrete Block Foundation Wall Demolition	5.97	
			For >500 To 2,000, Deduct	-0.45	
			For >2,000 To 6,000, Deduct	-1.19	
			For >6,000 To 8,000, Deduct	-2.09	
			For >8,000, Deduct	-3.28	
02 41 16 13-0043	SF		12" Thick Non Reinforced Concrete Block Foundation Wall Demolition	6.65	
			For >500 To 2,000, Deduct	-0.50	
			For >2,000 To 6,000, Deduct	-1.33	
			For >6,000 To 8,000, Deduct	-2.33	
			For >8,000, Deduct	-3.66	
02 41 16 13-0044	SF		16" Thick Non Reinforced Concrete Block Foundation Wall Demolition	8.31	
			For >500 To 2,000, Deduct	-0.62	
			For >2,000 To 6,000, Deduct	-1.66	
			For >6,000 To 8,000, Deduct	-2.91	
			For >8,000, Deduct	-4.57	
02 41 16 13-0045	SF		4" Thick Reinforced Concrete Block Foundation Wall Demolition	5.17	
			For >500 To 2,000, Deduct	-0.39	
			For >2,000 To 6,000, Deduct	-1.03	
			For >6,000 To 8,000, Deduct	-1.81	
			For >8,000, Deduct	-2.84	
02 41 16 13-0046	SF		6" Thick Reinforced Concrete Block Foundation Wall Demolition	5.51	
			For >500 To 2,000, Deduct	-0.41	
			For >2,000 To 6,000, Deduct	-1.10	
			For >6,000 To 8,000, Deduct	-1.93	
			For >8,000, Deduct	-3.03	
02 41 16 13-0047	SF		8" Thick Reinforced Concrete Block Foundation Wall Demolition	6.23	
			For >500 To 2,000, Deduct	-0.47	
			For >2,000 To 6,000, Deduct	-1.25	
			For >6,000 To 8,000, Deduct	-2.18	
			For >8,000, Deduct	-3.43	
02 41 16 13-0048	SF		10" Thick Reinforced Concrete Block Foundation Wall Demolition	7.16	
			For >500 To 2,000, Deduct	-0.54	
			For >2,000 To 6,000, Deduct	-1.43	
			For >6,000 To 8,000, Deduct	-2.51	
			For >8,000, Deduct	-3.94	
02 41 16 13-0049	SF		12" Thick Reinforced Concrete Block Foundation Wall Demolition	7.98	
			For >500 To 2,000, Deduct	-0.60	
			For >2,000 To 6,000, Deduct	-1.60	
			For >6,000 To 8,000, Deduct	-2.79	
			For >8,000, Deduct	-4.39	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0050 SF 16" Thick Reinforced Concrete Block Foundation Wall Demolition.....	9.98	
For >500 To 2,000, Deduct	-0.75	
For >2,000 To 6,000, Deduct	-2.00	
For >6,000 To 8,000, Deduct	-3.49	
For >8,000, Deduct	-5.49	
02 41 16 13-0051 Brick Foundation Wall Demolition (02 41 16 13-0021)		
02 41 16 13-0052 SF 4" Thick Brick Foundation Wall Demolition.....	4.31	
For >500 To 2,000, Deduct	-0.32	
For >2,000 To 6,000, Deduct	-0.86	
For >6,000 To 8,000, Deduct	-1.51	
For >8,000, Deduct	-2.37	
02 41 16 13-0053 SF 6" Thick Brick Foundation Wall Demolition.....	4.60	
For >500 To 2,000, Deduct	-0.35	
For >2,000 To 6,000, Deduct	-0.92	
For >6,000 To 8,000, Deduct	-1.61	
For >8,000, Deduct	-2.53	
02 41 16 13-0054 SF 8" Thick Brick Foundation Wall Demolition.....	5.19	
For >500 To 2,000, Deduct	-0.39	
For >2,000 To 6,000, Deduct	-1.04	
For >6,000 To 8,000, Deduct	-1.82	
For >8,000, Deduct	-2.85	
02 41 16 13-0055 SF 10" Thick Brick Foundation Wall Demolition.....	5.97	
For >500 To 2,000, Deduct	-0.45	
For >2,000 To 6,000, Deduct	-1.19	
For >6,000 To 8,000, Deduct	-2.09	
For >8,000, Deduct	-3.28	
02 41 16 13-0056 SF 12" Thick Brick Foundation Wall Demolition.....	6.65	
For >500 To 2,000, Deduct	-0.50	
For >2,000 To 6,000, Deduct	-1.33	
For >6,000 To 8,000, Deduct	-2.33	
For >8,000, Deduct	-3.66	
02 41 16 13-0057 SF 16" Thick Brick Foundation Wall Demolition.....	8.31	
For >500 To 2,000, Deduct	-0.62	
For >2,000 To 6,000, Deduct	-1.66	
For >6,000 To 8,000, Deduct	-2.91	
For >8,000, Deduct	-4.57	
02 41 16 13-0058 Stone Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0059 CF Stone Footing Or Foundation Wall Demolition.....	13.69	
For >135 To 405, Deduct	-1.20	
For >405 To 810, Deduct	-2.40	
For >810 To 2025, Deduct	-3.42	
For >2025, Deduct	-5.48	
02 41 16 13-0060 Other Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0061 CF Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition.....	14.21	
Note: Includes excavation.		
For >135 To 405, Deduct	-1.24	
For >405 To 810, Deduct	-2.49	
For >810 To 2025, Deduct	-3.55	
For >2025, Deduct	-5.68	
02 41 19 Selective Demolition (02 41)		
02 41 19 13 Selective Building Demolition (02 41 19)		
02 41 19 13-0001 Exterior Masonry Removal (02 41 19 13)		
02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0001)		
02 41 19 13-0003 VLF 8" x 8" Masonry Column Removal.....	13.78	
02 41 19 13-0004 VLF 10" x 10" Masonry Column Removal.....	21.54	
02 41 19 13-0005 VLF 12" x 12" Masonry Column Removal.....	27.59	
02 41 19 13-0006 VLF 14" x 14" Masonry Column Removal.....	34.53	
02 41 19 13-0007 VLF 16" x 16" Masonry Column Removal.....	42.43	
02 41 19 13-0008 CF Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square.....	23.83	
02 41 19 13-0009 Masonry Chimney Removal (02 41 19 13-0001)		
02 41 19 13-0010 CF Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	27.95	
02 41 19 13-0011 CF >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	20.98	
02 41 19 13-0012 CF >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	16.05	
02 41 19 13-0013 CF >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	11.12	
02 41 19 13-0014 Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0001)		
Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0015 LF Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	17.46	



Existing Conditions			02
Demolition and Structure Moving			02 40
Demolition			02 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0016	LF		>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	26.04	
02 41 19 13-0017	LF		>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	49.60	
02 41 19 13-0018			Facade Removal (02 41 19 13-0001) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0019	SF		Stone Or Brick Veneer Facade Removal For Cleaning and Storage For Reuse, Add	5.25 7.88	
02 41 19 13-0020			Exterior Masonry Removal (02 41 19 13-0001) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0021	SF		Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall.....	4.61	
02 41 19 13-0022	SF		Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall.....	5.21	
02 41 19 13-0023	SF		Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall.....	6.30	
02 41 19 13-0024	SF		Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall.....	6.88	
02 41 19 13-0025	SF		Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall.....	7.55	
02 41 19 13-0026	SF		Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall.....	9.45	
02 41 19 13-0027	SF		Demolish 4" Thick Reinforced Concrete Block Exterior Wall.....	5.45	
02 41 19 13-0028	SF		Demolish 6" Thick Reinforced Concrete Block Exterior Wall.....	6.24	
02 41 19 13-0029	SF		Demolish 8" Thick Reinforced Concrete Block Exterior Wall.....	7.55	
02 41 19 13-0030	SF		Demolish 10" Thick Reinforced Concrete Block Exterior Wall.....	8.26	
02 41 19 13-0031	SF		Demolish 12" Thick Reinforced Concrete Block Exterior Wall.....	9.07	
02 41 19 13-0032	SF		Demolish 16" Thick Reinforced Concrete Block Exterior Wall.....	11.34	
02 41 19 13-0033	SF		Demolish 4" Thick Brick Exterior Wall..... For Cleaning and Storage For Reuse, Add	4.61 6.92	
02 41 19 13-0034	SF		Demolish 6" Thick Brick Exterior Wall..... For Cleaning and Storage For Reuse, Add	5.21 7.82	
02 41 19 13-0035	SF		Demolish 8" Thick Brick Exterior Wall..... For Cleaning and Storage For Reuse, Add	6.30 9.45	
02 41 19 13-0036	SF		Demolish 10" Thick Brick Exterior Wall..... For Cleaning and Storage For Reuse, Add	6.88 10.32	
02 41 19 13-0037	SF		Demolish 12" Thick Brick Exterior Wall..... For Cleaning and Storage For Reuse, Add	7.55 11.33	
02 41 19 13-0038	SF		Demolish 16" Thick Brick Exterior Wall..... For Cleaning and Storage For Reuse, Add	9.45 14.18	
02 41 19 13-0039	CF		Exterior Brick, Concrete Block Or Composite Removal For Cleaning and Storage For Reuse, Add	13.43 20.15	
02 41 19 13-0040			Lintel Removal (02 41 19 13-0001) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0041	LF		Demolish Steel Lintel.....	14.50	
02 41 19 13-0042	LF		Demolish Concrete Or Stone Lintel.....	19.34	
02 41 19 13-0043	LF		Demolish Steel Shelf Angle.....	15.32	
02 41 19 13-0044			Reinstall Lintel (02 41 19 13-0001) Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0045	LF		Clean, Prime And Paint Steel Shelf Angle Or Lintel.....	7.79	
02 41 19 13-0046	LF		Reinstall Existing Concrete Or Stone Lintel.....	19.34	
02 41 19 13-0047	LF		Reinstall Existing Steel Shelf Angle..... Note: Includes fasteners.	40.32	
02 41 19 13-0048	LF		Reinstall Existing Steel Lintel.....	16.12	
02 41 19 13-0049	LF		Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls.....	71.77	
02 41 19 13-0050	LF		Removal And Replacement Of Steel Lintel Over Window Openings.....	125.00	
02 41 19 13-0051			Exterior Concrete Wall Removal (02 41 19 13) Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0052	SF		Demolish 4" Thick Reinforced Concrete Exterior Wall.....	6.09	
02 41 19 13-0053	SF		Demolish 6" Thick Reinforced Concrete Exterior Wall.....	11.06	
02 41 19 13-0054	SF		Demolish 8" Thick Reinforced Concrete Exterior Wall.....	13.89	
02 41 19 13-0055	SF		Demolish 10" Thick Reinforced Concrete Exterior Wall.....	16.38	
02 41 19 13-0056	SF		Demolish 12" Thick Reinforced Concrete Exterior Wall.....	19.37	
02 41 19 13-0057			Saw Cutting (02 41 19 13) Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0058	LF		Bituminous Paving Up To 4" Depth, Saw Cut..... For Each Additional Pass (Depth To 3"), Add For >250, Deduct	2.22 0.84 -0.21	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0059 LF Brick Masonry Up To 4" Depth, Saw Cut .....8.08 For Each Additional Pass (Depth To 3"), Add 3.18 For >250, Deduct -0.79		
02 41 19 13-0060 LF Concrete Block Up To 4" Depth, Saw Cut .....7.31 For Each Additional Pass (Depth To 3"), Add 2.87 For >250, Deduct -0.71		
02 41 19 13-0061 LF Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut .....2.57 For Each Additional Pass (Depth To 3"), Add 0.97 For >250, Deduct -0.24		
02 41 19 13-0062 LF Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....3.37 For Each Additional Pass (Depth To 3"), Add 1.28 For >250, Deduct -0.31		
02 41 19 13-0063 LF Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....5.48 For Each Additional Pass (Depth To 3"), Add 2.12 For >250, Deduct -0.52		
02 41 19 13-0064 LF Plain Concrete Walls Up To 4" Depth, Saw Cut .....10.31 For Each Additional Pass (Depth To 3"), Add 4.06 For >250, Deduct -1.01		
02 41 19 13-0065 LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth .....13.84 For Each Additional Pass (Depth To 3"), Add 5.46 For >250, Deduct -1.36		
02 41 19 13-0066 LF Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets .....2.56 For Each Additional Pass (Depth To 3"), Add 0.95 For >250, Deduct -0.23		
02 41 19 13-0067 LF Igneous Stone Pavements Up To 4" Depth, Saw Cut .....7.35 For Each Additional Pass (Depth To 3"), Add 2.88 For >250, Deduct -0.72		
02 41 19 13-0068 LF Sedimentary Stone Pavements Up To 4" Depth, Saw Cut .....7.35 For Each Additional Pass (Depth To 3"), Add 2.88 For >250, Deduct -0.72		
02 41 19 13-0069 LF Metamorphic Stone Pavements Up To 4" Depth, Saw Cut .....7.35 For Each Additional Pass (Depth To 3"), Add 2.88 For >250, Deduct -0.72		
02 41 19 13-0070 LF Terrazzo Stone Pavements Up To 4" Depth, Saw Cut .....7.35 For Each Additional Pass (Depth To 3"), Add 2.88 For >250, Deduct -0.72		
02 41 19 13-0071 EA Saw Cut Minimum Charge .....906.36 Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0072 Torch Cutting (02 41 19 13) Note: Includes grinding edge		
02 41 19 13-0073 LF Up To 1/2", Torch Cut Steel Plate .....2.60		
02 41 19 13-0074 LF >1/2" To 1" Thick, Torch Cut Steel Plate .....5.18		
02 41 19 13-0075 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate .....7.78		
02 41 19 13-0076 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate .....10.36		
02 41 19 13-0077 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate .....12.96		
02 41 19 13-0078 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate .....15.53		
02 41 19 13-0079 EA Torch Cutting Minimum Charge .....795.21 Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0080 Drilling In Existing Materials (02 41 19 13) Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02 41 19 13-0081 Concrete Core Drilling (02 41 19 13-0080)		
02 41 19 13-0082 Up To 4" Thick Concrete Core Drilling (02 41 19 13-0081)		
02 41 19 13-0083 EA Drill 1" Diameter Core In Up To 4" Concrete .....41.41 For Horizontal Cores, Add 7.68 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 15.36		
02 41 19 13-0084 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete .....45.66 For Horizontal Cores, Add 8.53 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 17.06		
02 41 19 13-0085 EA Drill 2" Diameter Core In Up To 4" Concrete .....50.41 For Horizontal Cores, Add 9.48 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 18.96		
02 41 19 13-0086 EA Drill 3" Diameter Core In Up To 4" Concrete .....71.75 For Horizontal Cores, Add 13.55 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 27.09		
02 41 19 13-0087 EA Drill 4" Diameter Core In Up To 4" Concrete .....96.17 For Horizontal Cores, Add 18.15 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 36.30		
02 41 19 13-0088 EA Drill 6" Diameter Core In Up To 4" Concrete .....108.41 For Horizontal Cores, Add 20.32 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 40.64		
02 41 19 13-0089 EA Drill 8" Diameter Core In Up To 4" Concrete .....171.90 For Horizontal Cores, Add 32.51 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 65.02		
02 41 19 13-0090 EA Drill 10" Diameter Core In Up To 4" Concrete .....215.94 For Horizontal Cores, Add 40.64 For Overhead Ceiling Cores (Where Not Accessible From Above), Add 81.27		



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0091 EA Drill 12" Diameter Core In Up To 4" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	252.35 47.41 94.82	
02 41 19 13-0092 EA Drill 14" Diameter Core In Up To 4" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	289.09 54.18 108.36	
02 41 19 13-0093 EA Drill 18" Diameter Core In Up To 4" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	328.11 60.95 121.89	
02 41 19 13-0094 >4" To 6" Thick Concrete Core Drilling (02 41 19 13-0081)		
02 41 19 13-0095 EA Drill 1" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	59.43 10.97 21.94	
02 41 19 13-0096 EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	65.53 12.19 24.38	
02 41 19 13-0097 EA Drill 2" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	72.31 13.54 27.09	
02 41 19 13-0098 EA Drill 3" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	87.56 16.25 32.51	
02 41 19 13-0099 EA Drill 4" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	109.92 20.32 40.64	
02 41 19 13-0100 EA Drill 6" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	145.81 27.09 54.18	
02 41 19 13-0101 EA Drill 8" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	217.34 40.64 81.27	
02 41 19 13-0102 EA Drill 10" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	256.14 47.41 94.82	
02 41 19 13-0103 EA Drill 12" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	293.77 54.18 108.36	
02 41 19 13-0104 EA Drill 14" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	332.53 60.95 121.89	
02 41 19 13-0105 EA Drill 18" Diameter Core In >4" To 6" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	374.64 67.72 135.45	
02 41 19 13-0106 >6" To 8" Thick Concrete Core Drilling (02 41 19 13-0081)		
02 41 19 13-0107 EA Drill 1" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	66.57 12.07 24.14	
02 41 19 13-0108 EA Drill 1-1/2" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	73.28 13.41 26.82	
02 41 19 13-0109 EA Drill 2" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	80.73 14.90 29.80	
02 41 19 13-0110 EA Drill 3" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	96.62 17.61 35.22	
02 41 19 13-0111 EA Drill 4" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	126.37 23.03 46.05	
02 41 19 13-0112 EA Drill 6" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	176.45 32.51 65.02	
02 41 19 13-0113 EA Drill 8" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	289.85 54.18 108.36	
02 41 19 13-0114 EA Drill 10" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	330.13 60.95 121.89	
02 41 19 13-0115 EA Drill 12" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	369.08 67.72 135.45	
02 41 19 13-0116 EA Drill 14" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	409.83 74.48 148.97	
02 41 19 13-0117 EA Drill 18" Diameter Core In >6" To 8" Concrete For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	455.03 81.27 162.55	
02 41 19 13-0118 >8" To 10" Thick Concrete Core Drilling (02 41 19 13-0081)		

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0119 EA Drill 1" Diameter Core In >8" To 10" Concrete	79.18	
For Horizontal Cores, Add	14.26	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.52	
02 41 19 13-0120 EA Drill 1-1/2" Diameter Core In >8" To 10" Concrete	87.11	
For Horizontal Cores, Add	15.85	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.70	
02 41 19 13-0121 EA Drill 2" Diameter Core In >8" To 10" Concrete	95.91	
For Horizontal Cores, Add	17.61	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	35.22	
02 41 19 13-0122 EA Drill 3" Diameter Core In >8" To 10" Concrete	112.43	
For Horizontal Cores, Add	20.32	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	40.64	
02 41 19 13-0123 EA Drill 4" Diameter Core In >8" To 10" Concrete	129.27	
For Horizontal Cores, Add	23.03	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	46.05	
02 41 19 13-0124 EA Drill 6" Diameter Core In >8" To 10" Concrete	179.99	
For Horizontal Cores, Add	32.51	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	65.02	
02 41 19 13-0125 EA Drill 8" Diameter Core In >8" To 10" Concrete	294.65	
For Horizontal Cores, Add	54.18	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	108.36	
02 41 19 13-0126 EA Drill 10" Diameter Core In >8" To 10" Concrete	336.45	
For Horizontal Cores, Add	60.95	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	121.89	
02 41 19 13-0127 EA Drill 12" Diameter Core In >8" To 10" Concrete	376.59	
For Horizontal Cores, Add	67.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	135.42	
02 41 19 13-0128 EA Drill 14" Diameter Core In >8" To 10" Concrete	419.44	
For Horizontal Cores, Add	74.48	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	148.97	
02 41 19 13-0129 EA Drill 18" Diameter Core In >8" To 10" Concrete	467.57	
For Horizontal Cores, Add	81.25	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	162.51	
02 41 19 13-0130 >10" To 12" Thick Concrete Core Drilling (02 41 19 13-0081)		
02 41 19 13-0131 EA Drill 1" Diameter Core In >10" To 12" Concrete	86.33	
For Horizontal Cores, Add	15.36	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	30.72	
02 41 19 13-0132 EA Drill 1-1/2" Diameter Core In >10" To 12" Concrete	94.86	
For Horizontal Cores, Add	17.07	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	34.14	
02 41 19 13-0133 EA Drill 2" Diameter Core In >10" To 12" Concrete	104.34	
For Horizontal Cores, Add	18.96	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	37.93	
02 41 19 13-0134 EA Drill 3" Diameter Core In >10" To 12" Concrete	114.71	
For Horizontal Cores, Add	20.32	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	40.64	
02 41 19 13-0135 EA Drill 4" Diameter Core In >10" To 12" Concrete	152.50	
For Horizontal Cores, Add	27.09	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	54.18	
02 41 19 13-0136 EA Drill 6" Diameter Core In >10" To 12" Concrete	197.08	
For Horizontal Cores, Add	35.22	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	70.44	
02 41 19 13-0137 EA Drill 8" Diameter Core In >10" To 12" Concrete	313.01	
For Horizontal Cores, Add	56.89	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	113.78	
02 41 19 13-0138 EA Drill 10" Diameter Core In >10" To 12" Concrete	342.77	
For Horizontal Cores, Add	60.95	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	121.89	
02 41 19 13-0139 EA Drill 12" Diameter Core In >10" To 12" Concrete	397.82	
For Horizontal Cores, Add	70.44	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	140.88	
02 41 19 13-0140 >12" Thick Concrete Core Drilling (02 41 19 13-0081)		
02 41 19 13-0141 IN Drill 1" Diameter Core In >12" Concrete	10.18	
For Horizontal Cores, Add	1.88	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.76	
02 41 19 13-0142 IN Drill 1-1/2" Diameter Core In >12" Concrete	11.22	
For Horizontal Cores, Add	2.09	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.17	
02 41 19 13-0143 IN Drill 2" Diameter Core In >12" Concrete	12.38	
For Horizontal Cores, Add	2.32	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.64	
02 41 19 13-0144 IN Drill 3" Diameter Core In >12" Concrete	13.78	
For Horizontal Cores, Add	2.54	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.08	
02 41 19 13-0145 IN Drill 4" Diameter Core In >12" Concrete	18.34	
For Horizontal Cores, Add	3.38	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	6.77	
02 41 19 13-0146 IN Drill 6" Diameter Core In >12" Concrete	23.78	
For Horizontal Cores, Add	4.41	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	8.81	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0147	IN	Drill 8" Diameter Core In >12" Concrete <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.97 7.12 14.24	
02 41 19 13-0148	IN	Drill 10" Diameter Core In >12" Concrete <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.42 7.65 15.30	
02 41 19 13-0149	IN	Drill 12" Diameter Core In >12" Concrete <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.85 8.81 17.62	
02 41 19 13-0150 Brick/Concrete Block Core Drilling (02 41 19 13-0080)				
02 41 19 13-0151 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0150)				
02 41 19 13-0152	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.73 6.15 12.29	
02 41 19 13-0153	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.12 6.82 13.65	
02 41 19 13-0154	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	40.92 7.58 15.17	
02 41 19 13-0155	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	58.20 10.84 21.67	
02 41 19 13-0156	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	78.03 14.52 29.04	
02 41 19 13-0157	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	88.09 16.25 32.51	
02 41 19 13-0158	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	139.39 26.01 52.02	
02 41 19 13-0159	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	175.31 32.51 65.02	
02 41 19 13-0160	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	204.94 37.93 75.86	
02 41 19 13-0161	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	234.91 43.34 86.68	
02 41 19 13-0162	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	267.17 48.76 97.52	
02 41 19 13-0163 >4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0150)				
02 41 19 13-0164	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	48.47 8.78 17.55	
02 41 19 13-0165	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	53.34 9.75 19.50	
02 41 19 13-0166	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	58.76 10.83 21.67	
02 41 19 13-0167	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	71.31 13.00 26.01	
02 41 19 13-0168	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.60 16.25 32.51	
02 41 19 13-0169	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	118.73 21.67 43.35	
02 41 19 13-0170	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	176.71 32.51 65.02	
02 41 19 13-0171	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	208.73 37.93 75.86	
02 41 19 13-0172	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	239.59 43.34 86.68	
02 41 19 13-0173	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	271.59 48.76 97.52	
02 41 19 13-0174	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	306.92 54.18 108.36	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0175			>6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0150)		
02 41 19 13-0176	EA		Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	54.50	
			For Horizontal Cores, Add	9.65	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	19.31	
02 41 19 13-0177	EA		Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	59.87	
			For Horizontal Cores, Add	10.73	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	21.46	
02 41 19 13-0178	EA		Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	65.83	
			For Horizontal Cores, Add	11.92	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	23.84	
02 41 19 13-0179	EA		Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	79.00	
			For Horizontal Cores, Add	14.09	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.17	
02 41 19 13-0180	EA		Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	103.35	
			For Horizontal Cores, Add	18.42	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	36.84	
02 41 19 13-0181	EA		Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	143.94	
			For Horizontal Cores, Add	26.01	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	52.02	
02 41 19 13-0182	EA		Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	235.67	
			For Horizontal Cores, Add	43.34	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	86.68	
02 41 19 13-0183	EA		Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	269.19	
			For Horizontal Cores, Add	48.76	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	97.52	
02 41 19 13-0184	EA		Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	301.36	
			For Horizontal Cores, Add	54.18	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	108.36	
02 41 19 13-0185	EA		Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	335.35	
			For Horizontal Cores, Add	59.59	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	119.18	
02 41 19 13-0186	EA		Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	373.75	
			For Horizontal Cores, Add	65.02	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	130.04	
02 41 19 13-0187			>8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0150)		
02 41 19 13-0188	EA		Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	64.92	
			For Horizontal Cores, Add	11.41	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	22.82	
02 41 19 13-0189	EA		Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	71.26	
			For Horizontal Cores, Add	12.68	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.36	
02 41 19 13-0190	EA		Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	78.30	
			For Horizontal Cores, Add	14.09	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.17	
02 41 19 13-0191	EA		Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	92.11	
			For Horizontal Cores, Add	16.25	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	32.51	
02 41 19 13-0192	EA		Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	106.25	
			For Horizontal Cores, Add	18.42	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	36.84	
02 41 19 13-0193	EA		Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	147.48	
			For Horizontal Cores, Add	26.01	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	52.02	
02 41 19 13-0194	EA		Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	240.47	
			For Horizontal Cores, Add	43.34	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	86.68	
02 41 19 13-0195	EA		Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	275.51	
			For Horizontal Cores, Add	48.76	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	97.52	
02 41 19 13-0196	EA		Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	308.88	
			For Horizontal Cores, Add	54.17	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	108.34	
02 41 19 13-0197	EA		Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	344.96	
			For Horizontal Cores, Add	59.59	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	119.18	
02 41 19 13-0198	EA		Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	386.31	
			For Horizontal Cores, Add	65.00	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	130.00	
02 41 19 13-0199			>10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0150)		
02 41 19 13-0200	EA		Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	70.96	
			For Horizontal Cores, Add	12.29	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	24.58	
02 41 19 13-0201	EA		Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	77.79	
			For Horizontal Cores, Add	13.65	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	27.31	
02 41 19 13-0202	EA		Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	85.38	
			For Horizontal Cores, Add	15.17	
			For Overhead Ceiling Cores (Where Not Accessible From Above), Add	30.34	



Existing Conditions			02
Demolition and Structure Moving			02 40
Demolition			02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0203 EA Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	94.39 16.25 32.51	
02 41 19 13-0204 EA Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	125.42 21.67 43.35	
02 41 19 13-0205 EA Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	161.86 28.18 56.35	
02 41 19 13-0206 EA Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	256.12 45.51 91.02	
02 41 19 13-0207 EA Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	281.83 48.76 97.52	
02 41 19 13-0208 EA Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	327.39 56.35 112.71	
02 41 19 13-0209 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0150)		
02 41 19 13-0210 IN Drill 1" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	8.30 1.50 3.00	
02 41 19 13-0211 IN Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	9.13 1.67 3.34	
02 41 19 13-0212 IN Drill 2" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	10.06 1.85 3.71	
02 41 19 13-0213 IN Drill 3" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	11.24 2.03 4.06	
02 41 19 13-0214 IN Drill 4" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	14.96 2.71 5.42	
02 41 19 13-0215 IN Drill 6" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	19.37 3.52 7.05	
02 41 19 13-0216 IN Drill 8" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	30.85 5.69 11.39	
02 41 19 13-0217 IN Drill 10" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.77 6.12 12.24	
02 41 19 13-0218 IN Drill 12" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	39.04 7.05 14.10	
02 41 19 13-0219 Asphalt Core Drilling (02 41 19 13-0080)		
02 41 19 13-0220 Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0219)		
02 41 19 13-0221 EA Drill 2" Diameter Core In Up To 2" Asphalt 02 41 19 13-0222 EA Drill 3" Diameter Core In Up To 2" Asphalt 02 41 19 13-0223 EA Drill 4" Diameter Core In Up To 2" Asphalt 02 41 19 13-0224 EA Drill 6" Diameter Core In Up To 2" Asphalt 02 41 19 13-0225 EA Drill 8" Diameter Core In Up To 2" Asphalt 02 41 19 13-0226 EA Drill 10" Diameter Core In Up To 2" Asphalt 02 41 19 13-0227 EA Drill 12" Diameter Core In Up To 2" Asphalt	29.93 37.19 46.84 58.89 73.55 91.37 114.06	
02 41 19 13-0228 >2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0219)		
02 41 19 13-0229 EA Drill 2" Diameter Core In >2" To 3" Asphalt 02 41 19 13-0230 EA Drill 3" Diameter Core In >2" To 3" Asphalt 02 41 19 13-0231 EA Drill 4" Diameter Core In >2" To 3" Asphalt 02 41 19 13-0232 EA Drill 6" Diameter Core In >2" To 3" Asphalt 02 41 19 13-0233 EA Drill 8" Diameter Core In >2" To 3" Asphalt 02 41 19 13-0234 EA Drill 10" Diameter Core In >2" To 3" Asphalt 02 41 19 13-0235 EA Drill 12" Diameter Core In >2" To 3" Asphalt	38.16 47.82 59.86 75.43 93.71 117.42 146.01	
02 41 19 13-0236 >3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0219)		
02 41 19 13-0237 EA Drill 2" Diameter Core In >3" To 4" Asphalt 02 41 19 13-0238 EA Drill 3" Diameter Core In >3" To 4" Asphalt 02 41 19 13-0239 EA Drill 4" Diameter Core In >3" To 4" Asphalt 02 41 19 13-0240 EA Drill 6" Diameter Core In >3" To 4" Asphalt 02 41 19 13-0241 EA Drill 8" Diameter Core In >3" To 4" Asphalt 02 41 19 13-0242 EA Drill 10" Diameter Core In >3" To 4" Asphalt 02 41 19 13-0243 EA Drill 12 Diameter Core In >3" To 4" Asphalt	49.05 61.14 76.91 96.15 120.60 150.32 187.32	
02 41 19 13-0244 >4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0219)		

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0245	EA	Drill 2" Diameter Core In >4" To 6" Asphalt.....	62.55
02 41 19 13-0246	EA	Drill 3" Diameter Core In >4" To 6" Asphalt.....	79.67
02 41 19 13-0247	EA	Drill 4" Diameter Core In >4" To 6" Asphalt.....	99.22
02 41 19 13-0248	EA	Drill 6" Diameter Core In >4" To 6" Asphalt.....	123.42
02 41 19 13-0249	EA	Drill 8" Diameter Core In >4" To 6" Asphalt.....	155.46
02 41 19 13-0250	EA	Drill 10" Diameter Core In >4" To 6" Asphalt.....	193.62
02 41 19 13-0251	EA	Drill 12" Diameter Core In >4" To 6" Asphalt.....	241.66

02 41 19 13-0252 Manhole Core Drilling (02 41 19 13-0080)

02 41 19 13-0253	EA	Drill 4" Diameter Core In 6" Brick Manhole	208.80
02 41 19 13-0254	EA	Drill 5" Diameter Core In 6" Brick Manhole	238.53
02 41 19 13-0255	EA	Drill 6" Diameter Core In 6" Brick Manhole	277.84
02 41 19 13-0256	EA	Drill 8" Diameter Core In 6" Brick Manhole	415.85
02 41 19 13-0257	EA	Drill 2" Diameter Core In 8" Concrete Manhole	278.65
02 41 19 13-0258	EA	Drill 3" Diameter Core In 8" Concrete Manhole	298.38
02 41 19 13-0259	EA	Drill 4" Diameter Core In 8" Concrete Manhole	330.02
02 41 19 13-0260	EA	Drill 5" Diameter Core In 8" Concrete Manhole	354.55
02 41 19 13-0261	EA	Drill 6" Diameter Core In 8" Concrete Manhole	419.62
02 41 19 13-0262	EA	Drill 8" Diameter Core In 8" Concrete Manhole	598.57
02 41 19 13-0263	EA	Drill 2" Diameter Core In Fiberglass Manhole	27.24
02 41 19 13-0264	EA	Drill 3" Diameter Core In Fiberglass Manhole	31.48
02 41 19 13-0265	EA	Drill 4" Diameter Core In Fiberglass Manhole	34.17
02 41 19 13-0266	EA	Drill 5" Diameter Core In Fiberglass Manhole	37.27
02 41 19 13-0267	EA	Drill 6" Diameter Core In Fiberglass Manhole	41.00
02 41 19 13-0268	EA	Drill 8" Diameter Core In Fiberglass Manhole	45.60

02 41 19 13-0269 Drilling In Concrete Per Inch Of Depth (02 41 19 13-0080)

Note: Includes layout.

02 41 19 13-0270	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.15
02 41 19 13-0271	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.26
02 41 19 13-0272	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.41
02 41 19 13-0273	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.58
02 41 19 13-0274	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.83
02 41 19 13-0275	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.07
02 41 19 13-0276	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	3.22
02 41 19 13-0277	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.56
02 41 19 13-0278	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	4.03

02 41 19 13-0279 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0080)

Note: Includes layout.

02 41 19 13-0280	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.80
02 41 19 13-0281	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.89
02 41 19 13-0282	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.02
02 41 19 13-0283	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.16
02 41 19 13-0284	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.36
02 41 19 13-0285	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.57
02 41 19 13-0286	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.70
02 41 19 13-0287	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.99
02 41 19 13-0288	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.48

02 41 19 13-0289 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0080)

Note: Includes layout.

02 41 19 13-0290	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.88
02 41 19 13-0291	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.93
02 41 19 13-0292	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.00
02 41 19 13-0293	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.06
02 41 19 13-0294	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.16
02 41 19 13-0295	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26
02 41 19 13-0296	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.33
02 41 19 13-0297	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.47
02 41 19 13-0298	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.68

02 41 19 13-0299 Limestone Core Drilling (02 41 19 13-0080)**02 41 19 13-0300 10" To 14" Thick Limestone Core Drilling** (02 41 19 13-0299)

02 41 19 13-0301	EA	Drill 1" Diameter Core In 10" To 14" Limestone	61.88
02 41 19 13-0302	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	74.67
02 41 19 13-0303	EA	Drill 2" Diameter Core In 10" To 14" Limestone	81.64
02 41 19 13-0304	EA	Drill 3" Diameter Core In 10" To 14" Limestone	95.62
02 41 19 13-0305	EA	Drill 4" Diameter Core In 10" To 14" Limestone	109.83
02 41 19 13-0306	EA	Drill 6" Diameter Core In 10" To 14" Limestone	153.06
02 41 19 13-0307	EA	Drill 8" Diameter Core In 10" To 14" Limestone	250.86

02 41 19 13-0308 15" To 18" Thick Limestone Core Drilling (02 41 19 13-0299)

02 41 19 13-0309	EA	Drill 1" Diameter Core In 15" To 18" Limestone	68.49
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Existing Conditions			02
Demolition and Structure Moving			02 40
Demolition			02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0310 EA Drill 1-1/2" Diameter Core In 15" To 18" Limestone	81.52	
02 41 19 13-0311 EA Drill 2" Diameter Core In 15" To 18" Limestone	88.75	
02 41 19 13-0312 EA Drill 3" Diameter Core In 15" To 18" Limestone	97.44	
02 41 19 13-0313 EA Drill 4" Diameter Core In 15" To 18" Limestone	129.56	
02 41 19 13-0314 EA Drill 6" Diameter Core In 15" To 18" Limestone	167.46	
02 41 19 13-0315 EA Drill 8" Diameter Core In 15" To 18" Limestone	266.39	
02 41 19 13-0316 19" To 24" Thick Limestone Core Drilling (02 41 19 13-0299)		
02 41 19 13-0317 EA Drill 1" Diameter Core In 19" To 24" Limestone	74.99	
02 41 19 13-0318 EA Drill 1-1/2" Diameter Core In 19" To 24" Limestone	88.24	
02 41 19 13-0319 EA Drill 2" Diameter Core In 19" To 24" Limestone	95.70	
02 41 19 13-0320 EA Drill 3" Diameter Core In 19" To 24" Limestone	110.59	
02 41 19 13-0321 EA Drill 4" Diameter Core In 19" To 24" Limestone	154.80	
02 41 19 13-0322 EA Drill 6" Diameter Core In 19" To 24" Limestone	193.19	
02 41 19 13-0323 EA Drill 8" Diameter Core In 19" To 24" Limestone	287.36	
02 41 19 13-0324 Minimum Charge For Core Drilling (02 41 19 13-0080)		
02 41 19 13-0325 EA Core Drill Minimum Charge.....	734.89	
Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".		
02 41 19 13-0326 Cutouts (02 41 19 13)		
Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0327 Reinforced Concrete Slab On Grade Cutouts (02 41 19 13-0326)		
02 41 19 13-0328 SF 4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	46.45	
02 41 19 13-0329 SF 6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	49.26	
02 41 19 13-0330 SF 8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	52.08	
02 41 19 13-0331 SF 10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	54.89	
02 41 19 13-0332 SF 12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF.....	56.30	
02 41 19 13-0333 Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0326)		
Note: Includes cutting and removing steel decking.		
02 41 19 13-0334 SF 4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	56.61	
02 41 19 13-0335 SF 6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	60.04	
02 41 19 13-0336 SF 8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	63.47	
02 41 19 13-0337 SF 10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	66.91	
02 41 19 13-0338 SF 12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	68.62	
02 41 19 13-0339 Reinforced Concrete Wall Cutouts (02 41 19 13-0326)		
02 41 19 13-0340 SF 4" Thick Reinforced Concrete Wall Cutouts, <24 SF	58.06	
02 41 19 13-0341 SF 6" Thick Reinforced Concrete Wall Cutouts, <24 SF	61.58	
02 41 19 13-0342 SF 8" Thick Reinforced Concrete Wall Cutouts, <24 SF	65.10	
02 41 19 13-0343 SF 10" Thick Reinforced Concrete Wall Cutouts, <24 SF	68.62	
02 41 19 13-0344 SF 12" Thick Reinforced Concrete Wall Cutouts, <24 SF	70.37	
02 41 19 13-0345 Brick Wall Cutouts (02 41 19 13-0326)		
Note: Excludes toothing.		
02 41 19 13-0346 SF 4" Thick Brick Wall Cutouts, <24 SF	17.59	
02 41 19 13-0347 SF 6" Thick Brick Wall Cutouts, <24 SF	29.03	
02 41 19 13-0348 SF 8" Thick Brick Wall Cutouts, <24 SF	40.42	
02 41 19 13-0349 SF 10" Thick Brick Wall Cutouts, <24 SF	49.26	
02 41 19 13-0350 SF 12" Thick Brick Wall Cutouts, <24 SF	58.94	
02 41 19 13-0351 SF 16" Thick Brick Wall Cutouts, <24 SF	69.50	
02 41 19 13-0352 Concrete Block Wall Cutouts (02 41 19 13-0326)		
Note: Excludes toothing.		
02 41 19 13-0353 SF 4" Thick Concrete Block Wall Cutouts, <24 SF	29.10	
02 41 19 13-0354 SF 6" Thick Concrete Block Wall Cutouts, <24 SF	30.82	
02 41 19 13-0355 SF 8" Thick Concrete Block Wall Cutouts, <24 SF	32.55	
02 41 19 13-0356 SF 10" Thick Concrete Block Wall Cutouts, <24 SF	34.31	
02 41 19 13-0357 SF 12" Thick Concrete Block Wall Cutouts, <24 SF	35.19	
02 41 19 13-0358 SF 16" Thick Concrete Block Wall Cutouts, <24 SF	36.95	
02 41 19 13-0359 Limestone Cutouts (02 41 19 13-0326)		
02 41 19 13-0360 SF 2" Thick Limestone Cutouts, <24 SF	49.26	
02 41 19 13-0361 SF 4" Thick Limestone Cutouts, <24 SF	59.82	
02 41 19 13-0362 SF 6" Thick Limestone Cutouts, <24 SF	63.34	
02 41 19 13-0363 SF 8" Thick Limestone Cutouts, <24 SF	66.86	
02 41 19 13-0364 SF 10" Thick Limestone Cutouts, <24 SF	70.37	
02 41 19 13-0365 SF 12" Thick Limestone Cutouts, <24 SF	73.89	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0366	Toothting Masonry Cutouts (02 41 19 13-0326) Note: For use where existing masonry must be removed in a toothting pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.			
02 41 19 13-0367	VLF	Brick, Soft Old Mortar, Toothting Masonry Cutouts	17.59	
02 41 19 13-0368	VLF	Brick, Hard Mortar, Toothting Masonry Cutouts	23.75	
02 41 19 13-0369	VLF	Concrete Block, Soft Old Mortar, Toothting Masonry Cutouts	10.56	
02 41 19 13-0370	VLF	Concrete Block, Hard Mortar, Toothting Masonry Cutouts	14.08	
02 41 19 13-0371	Minimum Charge For Cutouts (02 41 19 13-0326) Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.			
02 41 19 13-0372	EA	Cutouts Minimum Charge	351.88	
02 41 19 13-0373	Elevated Concrete Removal (02 41 19 13)			
02 41 19 13-0374	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	11.79	
02 41 19 16	Selective Interior Demolition (02 41 19) Note: Includes break-up of material, loading into truck or dumpster and clean-up.			
02 41 19 16-0001	Floor Removal (02 41 19 16)			
02 41 19 16-0002	Scarify Concrete (02 41 19 16-0001) Note: Up to 1/4" removal per pass.			
02 41 19 16-0003	SF	Scarify Concrete Floor	0.24	
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser	2.07	
02 41 19 16-0005	SF	Scarify Concrete Wall	1.88	
02 41 19 16-0006	Fireproofing Removal (02 41 19 16)			
02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel	1.17	
02 41 19 16-0008	Demolish Ceiling (02 41 19 16)			
02 41 19 16-0009	SF	Demolish Drywall Ceiling	0.90	
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling	2.10	
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System	1.61	
02 41 19 16-0012	Demolish Concrete Stair (02 41 19 16)			
02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs	7.55	
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs	6.36	
02 41 19 16-0015	Demolish Interior Partition/Wall (02 41 19 16) Note: Price includes knock down, loading, clean-up.			
02 41 19 16-0016	Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0015) Note: Includes saw cutting, knock down, loading and clean-up.			
02 41 19 16-0017	Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0016)			
02 41 19 16-0018	SF	Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall	4.89	
02 41 19 16-0019	SF	Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall	5.23	
02 41 19 16-0020	SF	Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall	5.90	
02 41 19 16-0021	SF	Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall	7.56	
02 41 19 16-0022	SF	Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall	9.45	
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	5.87	
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	6.27	
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	7.08	
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	9.08	
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	11.34	
02 41 19 16-0028	Demolish Brick Interior Partition/Walls (02 41 19 16-0016)			
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall	4.89	
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall	5.90	
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall	7.55	
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall	9.45	
02 41 19 16-0033	Demolish Glass Block Interior Partition/Walls (02 41 19 16-0016)			
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls	4.20	
02 41 19 16-0035	Demolish Concrete Interior Partition/Walls (02 41 19 16-0016) See CSI section 02 41 16 13-0021 for concrete foundation demolition.			
02 41 19 16-0036	SF	Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall	8.89	
02 41 19 16-0037	SF	Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall	11.12	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

02

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0038	SF	Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall.....	15.57	
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	10.67	
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall.....	13.43	
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall.....	18.68	
02 41 19 16-0042 Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0016)				
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster.....	1.67	
02 41 19 16-0044 Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0015)				
Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.				
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side.....	2.97	
		For Heights >14' To 20', Add	0.45	
		For Heights >20', Add	0.59	
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	3.46	
		For Heights >14' To 20', Add	0.52	
		For Heights >20', Add	0.69	
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....	3.80	
		For Heights >14' To 20', Add	0.57	
		For Heights >20', Add	0.76	
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....	5.27	
		For Heights >14' To 20', Add	0.79	
		For Heights >20', Add	1.05	
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	1.56	
		For Heights >14' To 20', Add	0.23	
		For Heights >20', Add	0.31	
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall.....	1.86	
		For Heights >14' To 20', Add	0.28	
		For Heights >20', Add	0.37	
02 42 Removal and Salvage of Construction Materials (02 40)				
02 42 21 Salvage of Construction Materials (02 42)				
Note: Salvage tasks include placement on pallets and storage on site.				
02 42 21 35 Roofing Salvage (02 42 21)				
02 42 21 35-0001 Clay Tile Roof Remove And Salvage For Re-use (02 42 21 35)				
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.				
02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use.....	273.17	
02 42 21 47 Flooring Salvage (02 42 21)				
02 42 21 47-0001 Remove And Salvage For Re-Use (02 42 21 47)				
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.				
02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage.....	2.49	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage.....	2.49	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage.....	3.44	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage.....	2.01	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage.....	1.06	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage.....	0.76	
02 43 Structure Moving (02 40)				
02 43 13 Structure Relocation (02 43)				
Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.				
02 43 13 13 Building Relocation (02 43 13)				
02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete (02 43 13)				
Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.				
02 43 13 13-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building.....	33.19	
02 43 13 13-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building.....	31.38	
02 43 13 13-0004	SF	>920 SF, Move Relocatable Metal Frame Building.....	29.36	
02 43 13 13-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building.....	26.63	
02 43 13 13-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building.....	24.90	
02 43 13 13-0007	SF	>920 SF, Move Relocatable Wood Frame Building.....	22.02	
02 43 13 13-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building.....	32.26	
02 43 13 13-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building.....	29.36	
02 43 13 13-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building.....	24.90	
02 50 Site Remediation (02)				
02 58 Snow Control (02 50)				

02 Existing Conditions**02 50 Site Remediation****02 58 Snow Control**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 58 13 Snow Fencing (02 58)**02 58 13 00-0001 Snow/Sand Fence On Steel Posts** (02 58 13)

02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence6.32 1.98

02 60 Contaminated Site Material Removal (02)**02 61 Removal and Disposal of Contaminated Soils** (02 60)**02 61 13 Excavation and Handling of Contaminated Material** (02 61)

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil (02 61 13)

02 61 13 00-0002 CY Excavate Petroleum Contaminated Soil12.58
Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.
02 61 13 00-0003 CY Load Excavated Petroleum Contaminated Soil7.28
02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil63.25

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile (02 61 13)

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006 SF 30 Mil Liner For Contaminated Soil Storage1.19
Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.
02 61 13 00-0007 SF 10 Mil Liner For Contaminated Soil Storage0.72
Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.

02 61 26 Removal and Disposal of Asbestos Contaminated Soils (02 61)

Note: Tasks include materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils (02 61 26)

Note: Tasks include materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002 EA Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal1,082.90
For Work In Restricted Working Space, Add 324.87
02 61 26 00-0003 CF >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal71.78
For Work In Restricted Working Space, Add 21.53
02 61 26 00-0004 CF >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal47.86
For Work In Restricted Working Space, Add 14.36
02 61 26 00-0005 CF >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal35.94
For Work In Restricted Working Space, Add 10.78
02 61 26 00-0006 CF >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal28.71
For Work In Restricted Working Space, Add 8.61
02 61 26 00-0007 CF >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal24.41
For Work In Restricted Working Space, Add 7.32
02 61 26 00-0008 CF >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal21.96
For Work In Restricted Working Space, Add 6.59

02 65 Underground Storage Tank Removal (02 60)

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0037 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis (02 65)**02 65 00 00-0002 Field Samples For Testing Underground Storage Tank** (02 65 00 00-0001)

02 65 00 00-0003 EA Collection Of Sludge Sample For Underground Storage Tank23.29
02 65 00 00-0004 EA Collection Of Pumpable Liquids Sample For Underground Storage Tank23.29
02 65 00 00-0005 EA Collection Of Contaminated Soil Sample23.29

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal (02 65 00 00-0001)

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007 EA Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test129.09
Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.
02 65 00 00-0008 EA Flashpoint, Lab Test50.20
Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.



Existing Conditions			02
Contaminated Site Material Removal			02 60
Underground Storage Tank Removal			02 65

02

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0009	EA	TOX 9020, Lab Test..... Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	120.76	
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	129.09	
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	100.40	
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	272.52	
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	502.00	
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test..... Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	60.38	
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test..... Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	107.57	
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test..... Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	143.43	
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	160.64	
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	21.51	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	21.51	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	21.51	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	40.16	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	229.49	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	83.02	
02 65 00 00-0024	EA	pH, Lab Test	17.21	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	215.14	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test.....	129.09	
02 65 00 00-0027		Tests, Surveys And Maintenance For Underground Storage Tank (02 65 00 00-0001)		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer..... Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	998.90	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	159.63	
02 65 00 00-0030	EA	Check And Report On Monitor Probes..... Note: By Certified Technician	37.59	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report..... Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	272.81	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System	116.27	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	168.13	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	239.87	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	85.83	
02 65 00 00-0036		Tests And Sampling Labor Hours (02 65 00 00-0001)		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank.....	99.79	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	113.28	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank	118.84	
		Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.		
02 65 00 00-0040		Remove Tank Contents (02 65)		
02 65 00 00-0041		Transfer Liquid (02 65 00 00-0040)		
		Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank	0.67	
		Note: Per gallon of material transferred.		
02 65 00 00-0043		Remove And Dispose Of Liquid From Tank (02 65 00 00-0040)		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank.....	1.35	
02 65 00 00-0045	GAL	Removal and Disposal Of Non Hazardous Liquid From Tank.....	0.96	

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 65 00 00-0046		Remove And Dispose Of Solids Or Sludge (02 65 00 00-0040)	
		Note: Includes scraping and solidifying agent.	
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	5.90
02 65 00 00-0048	GAL	Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.32
02 65 00 00-0049		Purge Vapors, Open And Clean Tank (02 65)	
02 65 00 00-0050		Purge Vapors (02 65 00 00-0049)	
02 65 00 00-0051	LB	Purge Tank Using Dry Ice	3.27
		Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	
02 65 00 00-0052		High Pressure Water Wash And Rinse Of Tank Interior (02 65 00 00-0049)	
		Note: Includes removal and disposal of rinse water.	
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	299.52
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	392.77
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	509.35
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	688.68
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,333.89
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,603.97
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,838.84
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,222.25
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,863.07
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,442.27
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,361.43
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	5,374.08
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	6,580.09
02 65 00 00-0066		Scrape Clean Tank Exterior (02 65 00 00-0049)	
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	216.24
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	287.95
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	377.31
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	522.51
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,157.11
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,465.14
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	1,714.48
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	2,155.34
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	2,801.41
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	3,516.33
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	4,578.55
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	5,494.26
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	6,867.83
02 65 00 00-0080		Tank And Piping Removal (02 65)	
		Note: Excludes excavation.	
02 65 00 00-0081		Removal And Disposal Of Piping (02 65 00 00-0080)	
		Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.	
02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	17.46
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	23.29
02 65 00 00-0084		Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement (02 65 00 00-0080)	
		Note: Excludes excavation or backfill.	
02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	623.00
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	756.49
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	889.99
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,112.49
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,557.47
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,957.96
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,224.96
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,669.97
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,559.94
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,267.59
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,000.73
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,850.43
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	7,313.03
02 65 00 00-0098		Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary (02 65 00 00-0080)	
		Note: Includes 1 lengthwise at every 4' on-center height wise.	
02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	764.05
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,424.85
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,713.95
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,910.13



Existing Conditions			02
Contaminated Site Material Removal			02 60
Underground Storage Tank Removal			02 65

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0103 EA >8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,292.15	
02 65 00 00-0104 EA >10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,849.71	
02 65 00 00-0105 EA >15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,427.91	
02 65 00 00-0106 EA >20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	4,284.88	
02 65 00 00-0107 EA >30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	5,356.11	
02 65 00 00-0108 EA >40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	6,695.13	
02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station		
<i>(02 65 00 00-0080)</i>		
Note: Includes disposal fee.		
02 65 00 00-0110 EA Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	268.81	
For Each Additional Mile >15 Miles, Add	4.17	
02 65 00 00-0111 EA >275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	363.68	
For Each Additional Mile >15 Miles, Add	5.27	
02 65 00 00-0112 EA >550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	570.99	
For Each Additional Mile >15 Miles, Add	7.91	
02 65 00 00-0113 EA >1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	878.40	
For Each Additional Mile >15 Miles, Add	9.23	
02 65 00 00-0114 EA >2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,550.09	
For Each Additional Mile >15 Miles, Add	16.25	
02 65 00 00-0115 EA >5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,602.80	
For Each Additional Mile >15 Miles, Add	17.57	
02 65 00 00-0116 EA >6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,690.67	
For Each Additional Mile >15 Miles, Add	19.77	
02 65 00 00-0117 EA >8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,446.67	
For Each Additional Mile >15 Miles, Add	26.36	
02 65 00 00-0118 EA >10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,364.35	
For Each Additional Mile >15 Miles, Add	39.54	
02 65 00 00-0119 EA >15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,930.61	
For Each Additional Mile >15 Miles, Add	43.93	
02 65 00 00-0120 EA >20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	4,859.37	
For Each Additional Mile >15 Miles, Add	52.72	
02 65 00 00-0121 EA >30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	6,775.33	
For Each Additional Mile >15 Miles, Add	63.26	
02 65 00 00-0122 EA >40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	8,173.67	
For Each Additional Mile >15 Miles, Add	72.75	
02 65 00 00-0123 Other Storage Tank Removals		
<i>(02 65 00 00-0080)</i>		
02 65 00 00-0124 GAL Removal Of Cement Lining	0.55	
02 65 00 00-0125 GAL Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.20	
02 65 00 00-0126 GAL Install Epoxy For Interior Corrosion Protection.....	0.85	
02 65 00 00-0127 Tank Closure Report		
<i>(02 65 00 00-0080)</i>		
Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.		
02 65 00 00-0128 EA Prepare Tank Closure Report	2,497.24	
02 65 00 00-0129 Temporary Tanks		
<i>(02 65)</i>		
02 65 00 00-0130 Temporary Holding Tanks		
<i>(02 65 00 00-0129)</i>		
02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental		
<i>(02 65 00 00-0130)</i>		
02 65 00 00-0132 MO 550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	596.83	
02 65 00 00-0133 MO 630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	596.83	
02 65 00 00-0134 MO 630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental.....	1,193.66	
02 65 00 00-0135 MO 4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental.....	895.24	
02 65 00 00-0136 MO 4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	2,088.90	
02 65 00 00-0137 MO 6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	1,492.07	
02 65 00 00-0138 MO 21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	3,289.19	
02 65 00 00-0139 MO 21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	3,941.80	
02 65 00 00-0140 MO 21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	6,656.69	
02 65 00 00-0141 Secondary Containment Berm		
<i>(02 65 00 00-0129)</i>		
02 65 00 00-0142 MO Secondary Containment Berm Monthly Rental	1,293.13	

02 80 Facility Remediation *(02)*

02 81 Transportation and Disposal of Hazardous Materials *(02 80)*

02 81 00 00-0001 Equipment Oil Drain And Disposal *(02 81)*

02 81 00 00-0002 TRIP Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site	419.93	
Note: Excludes Disposal Cost.		
02 81 00 00-0003 DRM Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum	65.99	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0004 DRM Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum	299.95	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		

02 Existing Conditions**02 80 Facility Remediation****02 81 Transportation and Disposal of Hazardous Materials**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 81 00 00-0005	DRM Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum	539.91
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0006	CF Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site	71.87
Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.		

02 82 Asbestos Remediation (02 80)

See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

02 82 13 Asbestos Abatement (02 82)**02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing** (02 82 13)

Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002	HR Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	87.17
02 82 13 00-0003	EA 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	38.99
02 82 13 00-0004	EA Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	45.71
02 82 13 00-0005	EA Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	72.60
02 82 13 00-0006	EA 48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	125.03
02 82 13 00-0007	EA Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	151.92
02 82 13 00-0008	EA 48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	30.92
02 82 13 00-0009	EA Next Day Turnaround, (Air) PCM Test, Asbestos Testing	37.64
02 82 13 00-0010	EA Same Day Turnaround, (Air) PCM Test, Asbestos Testing	51.09
02 82 13 00-0011	EA 48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	38.99
02 82 13 00-0012	EA Next Day Turnaround, (Air Point Counting) PLM Test	45.71
02 82 13 00-0013	EA Same Day Turnaround, (Air Point Counting) PLM Test	72.60
02 82 13 00-0014	EA 48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	125.03
02 82 13 00-0015	EA Next Day Turnaround, (Air) TEM Test, Asbestos Testing	143.85
02 82 13 00-0016	EA Same Day Turnaround, (Air) TEM Test, Asbestos Testing	200.32

02 82 16 Engineering Control of Asbestos Containing Materials (02 82)**02 82 16 00-0001 Asbestos Encapsulation (Lock-Down)** (02 82 16)

02 82 16 00-0002	SF Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.37
02 82 16 00-0003	SF Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	1.81
02 82 16 00-0004	SF Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	1.88
02 82 16 00-0005	SF Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	2.15
02 82 16 00-0006	SF Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	6.05
02 82 16 00-0007	SF Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	6.76

02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)**02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal** (02 82 33 00-0001)

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004	SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,097.52
For Work In Restricted Working Space, Add		324.87
02 82 33 00-0005	LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	37.65
For Work In Restricted Working Space, Add		11.08
02 82 33 00-0006	LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	28.42
For Work In Restricted Working Space, Add		8.31
02 82 33 00-0007	LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	21.50
For Work In Restricted Working Space, Add		6.23
02 82 33 00-0008	LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	16.30
For Work In Restricted Working Space, Add		4.67
02 82 33 00-0009	LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	14.27
For Work In Restricted Working Space, Add		4.06

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0011	SET Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,112.14
For Work In Restricted Working Space, Add		324.87
02 82 33 00-0012	LF >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	43.92
For Work In Restricted Working Space, Add		12.74



Existing Conditions			02
Facility Remediation			02 80
Asbestos Remediation			02 82

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0013 LF >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	33.30 9.55	
02 82 33 00-0014 LF >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	25.34 7.16	
02 82 33 00-0015 LF >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	19.37 5.37	
02 82 33 00-0016 LF >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	17.04 4.67	
02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0018 SET Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	701.74 209.21	
02 82 33 00-0019 LF >3 To 20 LF Additional Glove Bag Work for Pipe Insulation For Work In Restricted Working Space, Add	117.69 34.87	
02 82 33 00-0020 LF >20 To 250 LF Additional Glove Bag Work for Pipe Insulation For Work In Restricted Working Space, Add	46.58 13.54	
02 82 33 00-0021 LF >250 To 500 LF Additional Glove Bag Work for Pipe Insulation For Work In Restricted Working Space, Add	35.29 10.15	
02 82 33 00-0022 LF >500 LF Additional Glove Bag Work for Pipe Insulation For Work In Restricted Working Space, Add	26.83 7.61	
02 82 33 00-0023 Thermal Insulation, Asbestos Abatement And Disposal (02 82 33 00-0023)		
02 82 33 00-0024 Calcium Block Insulation, Asbestos Abatement And Disposal (02 82 33 00-0023)		
02 82 33 00-0025 SET Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal SF >10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	1,090.21 44.86	
02 82 33 00-0027 SF >500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal 02 82 33 00-0028 SF >2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	37.01 29.73	
02 82 33 00-0029 SF >10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	24.28	
02 82 33 00-0030 Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal (02 82 33 00-0023)		
02 82 33 00-0031 SET Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal SF >10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	1,086.56 39.45	
02 82 33 00-0033 SF >500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal 02 82 33 00-0034 SF >2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	31.61 24.34	
02 82 33 00-0035 SF >10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	18.89	
02 82 33 00-0036 Fibrous Glass Board Insulation, Asbestos Abatement And Disposal (02 82 33 00-0023)		
02 82 33 00-0037 SET Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal SF >10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	1,085.34 34.99	
02 82 33 00-0039 SF >500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal 02 82 33 00-0040 SF >2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	27.15 19.87	
02 82 33 00-0041 SF >10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	14.41	
02 82 33 00-0042 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0023) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0043 SET Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal SF >25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,092.04 37.29	
02 82 33 00-0045 SF >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal 02 82 33 00-0046 SF >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	29.44 22.17	
02 82 33 00-0047 SF >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	16.72	
02 82 33 00-0048 Surfacing Material, Asbestos Abatement And Disposal (02 82 33 00-0048)		
02 82 33 00-0049 Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0048) Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0088 for asbestos abatement for up to 1 sf sections to expose area for attachments.		
02 82 33 00-0050 SET Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal SF >25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	1,092.04 44.66	
02 82 33 00-0052 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal 02 82 33 00-0053 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	33.58 25.28	
02 82 33 00-0054 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal	19.05	
02 82 33 00-0055 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0048) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0056 SET Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal SF >25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,088.99 18.74	
02 82 33 00-0058 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal 02 82 33 00-0059 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	14.23 10.61	
02 82 33 00-0060 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	7.91	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 82 33 00-0061 Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0048)	
02 82 33 00-0062 SET Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,095.09
For Additional Layer, Add	297.80
02 82 33 00-0063 SF >50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	14.46
For Additional Layer, Add	3.91
02 82 33 00-0064 SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	10.61
For Additional Layer, Add	2.85
02 82 33 00-0065 SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.36
For Additional Layer, Add	2.23
02 82 33 00-0066 SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.56
For Additional Layer, Add	1.74
02 82 33 00-0067 SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.21
For Additional Layer, Add	1.37
02 82 33 00-0068 SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	4.21
For Additional Layer, Add	1.09
02 82 33 00-0069 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0048)	
02 82 33 00-0070 SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,088.99
02 82 33 00-0071 SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	27.22
02 82 33 00-0072 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.00
02 82 33 00-0073 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.67
02 82 33 00-0074 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	12.25
02 82 33 00-0075 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	8.81
02 82 33 00-0076 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0048)	
02 82 33 00-0077 SET Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,095.09
02 82 33 00-0078 SF >50 To 500 SF, Stucco, Asbestos Abatement And Disposal	31.62
02 82 33 00-0079 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	23.78
02 82 33 00-0080 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	17.89
02 82 33 00-0081 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal	13.48
02 82 33 00-0082 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0048)	
02 82 33 00-0083 SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,095.09
02 82 33 00-0084 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	12.28
02 82 33 00-0085 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.51
02 82 33 00-0086 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	7.01
02 82 33 00-0087 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	5.30
02 82 33 00-0088 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0048)	
Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0049 for areas > 1 SF.	
02 82 33 00-0089 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal	180.86
Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	
02 82 33 00-0090 Plywood, Asbestos Abatement And Disposal (02 82 33 00-0048)	
02 82 33 00-0091 SET Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,092.65
02 82 33 00-0092 SF >50 To 500 SF, Plywood, Asbestos Abatement And Disposal	15.58
02 82 33 00-0093 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	7.62
02 82 33 00-0094 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	5.23
02 82 33 00-0095 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal	4.48
02 82 33 00-0096 Flooring Material, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0097 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0096)	
02 82 33 00-0098 Floor Tile Or Linoleum, Asbestos Abatement And Disposal (02 82 33 00-0097)	
Note: Single layer or first of multiple layers. Excludes mastic.	
02 82 33 00-0099 SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	1,085.34
For Each Additional Layer, Add	271.34
02 82 33 00-0100 SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	7.62
For Each Additional Layer, Add	1.91
02 82 33 00-0101 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	6.24
For Each Additional Layer, Add	1.56



Existing Conditions		02
Facility Remediation		02 80
Asbestos Remediation		02 82

02

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0102	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	4.98	
		For Each Additional Layer, Add	1.25	
02 82 33 00-0103	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	3.45	
		For Each Additional Layer, Add	0.86	
02 82 33 00-0104 Carpet, Asbestos Abatement And Disposal (02 82 33 00-0097)				
02 82 33 00-0105	SET	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	1,085.34	
02 82 33 00-0106	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	5.95	
02 82 33 00-0107	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	4.82	
02 82 33 00-0108	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	3.53	
02 82 33 00-0109	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	2.68	
02 82 33 00-0110 Wall Or Cove Base, Asbestos Abatement And Disposal (02 82 33 00-0097)				
		Note: Up to 12".		
02 82 33 00-0111	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	364.02	
02 82 33 00-0112	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	4.94	
02 82 33 00-0113	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	3.01	
02 82 33 00-0114	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.92	
02 82 33 00-0115	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.39	
02 82 33 00-0116 Mastic, Asbestos Abatement And Disposal (02 82 33 00-0096)				
		Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0117	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal	1,089.00	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0118	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	2.76	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0119	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	2.04	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0120	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.58	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0121	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	1.28	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0122 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0096)				
		Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0123	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	1,107.27	
02 82 33 00-0124	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	8.77	
02 82 33 00-0125	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	6.46	
02 82 33 00-0126	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	5.11	
02 82 33 00-0127	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.03	
02 82 33 00-0128 Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal (02 82 33 00-0096)				
02 82 33 00-0129	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,095.08	
02 82 33 00-0130	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	9.78	
02 82 33 00-0131	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	6.44	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0132	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	5.09	
02 82 33 00-0133	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	4.19	
02 82 33 00-0134 Roofing, Asbestos Abatement And Disposal (02 82 33)				
02 82 33 00-0135 Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0134)				
		Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0136 Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0135)				
02 82 33 00-0137	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,113.37	
02 82 33 00-0138	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.16	
02 82 33 00-0139	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.78	
02 82 33 00-0140	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.67	
02 82 33 00-0141	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.57	
02 82 33 00-0142	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.73	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR
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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 82 33 00-0143		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0135)	
02 82 33 00-0144	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,136.51
02 82 33 00-0145	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.38
02 82 33 00-0146	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.77
02 82 33 00-0147	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.55
02 82 33 00-0148	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.28
02 82 33 00-0149	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.32
02 82 33 00-0150		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0135)	
02 82 33 00-0151	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,163.32
02 82 33 00-0152	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.48
02 82 33 00-0153	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.70
02 82 33 00-0154	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.35
02 82 33 00-0155	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.95
02 82 33 00-0156	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.88
02 82 33 00-0157		Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0134)	
02 82 33 00-0158		Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0157)	
02 82 33 00-0159	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	1,090.52
		Note: Single or first of multiple layers.	
02 82 33 00-0160	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	6.98
		Note: Single or first of multiple layers.	
		For Each Additional Layer, Add	1.75
02 82 33 00-0161	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	5.60
		Note: Single or first of multiple layers.	
		For Each Additional Layer, Add	1.40
02 82 33 00-0162	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	4.49
		Note: Single or first of multiple layers.	
		For Each Additional Layer, Add	1.12
02 82 33 00-0163	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	3.39
		Note: Single or first of multiple layers.	
		For Each Additional Layer, Add	0.85
02 82 33 00-0164	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	2.55
		Note: Single or first of multiple layers.	
		For Each Additional Layer, Add	0.64
02 82 33 00-0165		Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0134)	
02 82 33 00-0166	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	361.58
02 82 33 00-0167	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.76
02 82 33 00-0168	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.28
02 82 33 00-0169	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.85
02 82 33 00-0170	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.36
02 82 33 00-0171		Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0134)	
02 82 33 00-0172	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	361.58
02 82 33 00-0173	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	8.18
02 82 33 00-0174	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	6.56
02 82 33 00-0175	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.48
02 82 33 00-0176	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	3.95
02 82 33 00-0177		Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0178		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0177)	
		Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0179	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,095.08
		Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0180	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	7.50
		Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0181	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.81
		Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0182	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.07
		Note: Includes detachment of mounted objects before removal.	
02 82 33 00-0183	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.68
		Note: Includes detachment of mounted objects before removal.	



Existing Conditions			02
Facility Remediation			02 80
Asbestos Remediation			02 82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0184 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0177)		
02 82 33 00-0185 SET Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,095.08	
02 82 33 00-0186 SF >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	6.53	
02 82 33 00-0187 SF >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.40	
02 82 33 00-0188 SF >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.75	
02 82 33 00-0189 SF >10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.41	
02 82 33 00-0190 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal (02 82 33 00-0177)		
02 82 33 00-0191 SET Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	917.04	
02 82 33 00-0192 LF >10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	38.38	
02 82 33 00-0193 LF >100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	29.15	
02 82 33 00-0194 LF >250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	22.23	
02 82 33 00-0195 LF >500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	17.04	
02 82 33 00-0196 LF >2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	13.14	
02 82 33 00-0197 LF >10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	12.86	
02 82 33 00-0198 Exterior Transite Siding, Asbestos Abatement And Disposal (02 82 33 00-0177)		
02 82 33 00-0199 SET Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	1,103.55	
Note: Single or first of multiple layers.		
02 82 33 00-0200 SF >125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	5.89	
Note: Single or first of multiple layers.		
02 82 33 00-0201 SF >1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	4.73	
Note: Single or first of multiple layers.		
02 82 33 00-0202 SF >5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	3.81	
Note: Single or first of multiple layers.		
02 82 33 00-0203 SF >10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	2.89	
Note: Single or first of multiple layers.		
02 82 33 00-0204 SF >20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	2.20	
Note: Single or first of multiple layers.		
02 82 33 00-0205 Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0206 Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0205)		
02 82 33 00-0207 SET Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	736.55	
For Work In Restricted Working Space, Add		216.58
02 82 33 00-0208 CF >10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	73.24	
For Work In Restricted Working Space, Add		21.53
02 82 33 00-0209 CF >100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	49.32	
For Work In Restricted Working Space, Add		14.36
02 82 33 00-0210 CF >250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	37.40	
For Work In Restricted Working Space, Add		10.78
02 82 33 00-0211 CF >500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	30.17	
For Work In Restricted Working Space, Add		8.61
02 82 33 00-0212 CF >2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	25.87	
For Work In Restricted Working Space, Add		7.32
02 82 33 00-0213 CF >10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	23.42	
For Work In Restricted Working Space, Add		6.59
02 82 33 00-0214 Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0205)		
02 82 33 00-0215 SET Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	750.00	
02 82 33 00-0216 EA >4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	71.63	
02 82 33 00-0217 EA >40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	50.09	
02 82 33 00-0218 EA >60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	39.37	
02 82 33 00-0219 EA >125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	32.87	
02 82 33 00-0220 EA >625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	28.98	
02 82 33 00-0221 EA >1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	26.78	
02 82 33 00-0222 Other Asbestos Containing Materials, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0223 30" To 36" Fire Door, Asbestos Abatement And Disposal (02 82 33 00-0222)		
02 82 33 00-0224 SET Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	367.55	
02 82 33 00-0225 EA >1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	136.52	
02 82 33 00-0226 EA >20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	123.53	
02 82 33 00-0227 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal (02 82 33 00-0222)		
02 82 33 00-0228 SET Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	361.27	
02 82 33 00-0229 LF >10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.41	
02 82 33 00-0230 LF >50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.57	
02 82 33 00-0231 LF >100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.79	
02 82 33 00-0232 LF >250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.13	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0233	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	3.54	
02 82 33 00-0234	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	3.06	
02 82 33 00-0235		Grout, Asbestos Abatement And Disposal (02 82 33 00-0222)		
		Note: e.g. flue grout.		
02 82 33 00-0236	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	361.17	
02 82 33 00-0237	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal.....	14.24	
02 82 33 00-0238	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal.....	9.80	
02 82 33 00-0239	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal.....	8.40	
02 82 33 00-0240	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal.....	7.22	
02 82 33 00-0241	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal.....	6.22	
02 82 33 00-0242	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal.....	5.34	
02 82 33 00-0243		Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0222)		
		Note: e.g. rope, web cloth, flat.		
02 82 33 00-0244	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	361.27	
02 82 33 00-0245	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal.....	19.17	
02 82 33 00-0246	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal.....	14.38	
02 82 33 00-0247	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal.....	12.26	
02 82 33 00-0248	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal.....	11.04	
02 82 33 00-0249	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal.....	9.92	
02 82 33 00-0250	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal.....	9.44	
02 82 33 00-0251		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal (02 82 33 00-0222)		
		Note: e.g. grid, spline, or glued on.		
02 82 33 00-0252	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal	728.02	
		Note: Including Glue Removal		
02 82 33 00-0253	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	15.46	
		Note: Including Glue Removal		
02 82 33 00-0254	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	7.50	
		Note: Including Glue Removal		
02 82 33 00-0255	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	5.11	
		Note: Including Glue Removal		
02 82 33 00-0256	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	4.36	
		Note: Including Glue Removal		
02 82 33 00-0257		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0222)		
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0258	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	725.22	
02 82 33 00-0259	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	15.46	
02 82 33 00-0260	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	7.50	
02 82 33 00-0261	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	5.11	
02 82 33 00-0262	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.36	
02 82 33 00-0263		Caulking, Asbestos Abatement And Disposal (02 82 33 00-0222)		
02 82 33 00-0264		Non Friable Caulking, Asbestos Abatement And Disposal (02 82 33 00-0263)		
02 82 33 00-0265	SET	Up To 10 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	361.17	
02 82 33 00-0266	LF	>10 To 50 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	10.67	
02 82 33 00-0267	LF	>50 To 100 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	7.53	
02 82 33 00-0268	LF	>100 To 250 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	5.61	
02 82 33 00-0269	LF	>250 To 1,000 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	4.21	
02 82 33 00-0270	LF	>1,000 To 2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	3.35	
02 82 33 00-0271	LF	>2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	2.90	
02 82 33 00-0272		Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0222)		
02 82 33 00-0273	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	361.17	
02 82 33 00-0274	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal.....	14.24	
02 82 33 00-0275	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal.....	9.80	
02 82 33 00-0276	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal.....	8.40	
02 82 33 00-0277	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	7.22	
02 82 33 00-0278	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	6.22	



Existing Conditions		02	02
Facility Remediation		02 80	
Asbestos Remediation		02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 83 Lead Remediation (02 80)

See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation (02 83)

02 83 19 13 Lead-Based Paint Abatement (02 83 19)

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site.

02 83 19 13-0001 Minimum Charge For Lead-Based Paint Remediation (02 83 19 13)

02 83 19 13-0002	EA	Lead-Based Paint Remediation Minimum Show Up Charge.....	988.65
Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.			

02 83 19 13-0003 Lead Sampling And Testing (02 83 19 13)

Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.

02 83 19 13-0004	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	83.22
02 83 19 13-0005	EA	X-Ray Fluorescence (XRF) Lead Testing	46.35
Note: Including Technician, 3 Readings Per Surface And Lab Fee			
02 83 19 13-0006	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	44.37
02 83 19 13-0007	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	67.22
02 83 19 13-0008	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	94.11
02 83 19 13-0009	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTL) Lead Test And Lab Fee	17.48
02 83 19 13-0010	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTL) Lead Test And Lab Fee	26.89
02 83 19 13-0011	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTL) Lead Test And Lab Fee	33.61
02 83 19 13-0012	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	44.37
02 83 19 13-0013	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	67.22
02 83 19 13-0014	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	7.39
02 83 19 13-0015	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	10.08
02 83 19 13-0016	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	14.79
02 83 19 13-0017	EA	5 Day Turnaround Lead Air Samples And Lab Fee	7.39
02 83 19 13-0018	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	10.08
02 83 19 13-0019	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	14.79
02 83 19 13-0020	EA	5 Day Turnaround Lead Water Test And Lab Fee	26.89
02 83 19 13-0021	EA	24 Hour Turnaround Lead Water Test And Lab Fee	40.33
02 83 19 13-0022	EA	8 Hour Turnaround Lead Water Test And Lab Fee	53.78
02 83 19 13-0023	EA	5 Day Turnaround Lead Paint Chip Test And Lab Fee	27.81
02 83 19 13-0024	EA	5 Day Turnaround Lead Soil Test And Lab Fee	55.62

02 83 19 13-0025 Chemical Stripping Of Lead Contaminated Material (02 83 19 13)

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not limited to, chromium, cadmium and mercury.

02 83 19 13-0026	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	31.76
For 0.025" (25 mil) Application, Add			1.78
For 0.03" (30 mil) Application, Add			2.78
02 83 19 13-0027	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	47.17
For 0.025" (25 mil) Application, Add			2.55
For 0.03" (30 mil) Application, Add			3.94
02 83 19 13-0028	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	13.61
For 0.025" (25 mil) Application, Add			0.79
For 0.03" (30 mil) Application, Add			1.26
For 0.125" (125 mil) Application, Add			6.76
02 83 19 13-0029	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	27.88
For 0.025" (25 mil) Application, Add			1.51
For 0.03" (30 mil) Application, Add			2.33
For 0.125" (125 mil) Application, Add			10.33
02 83 19 13-0030	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	14.76
For 0.025" (25 mil) Application, Add			0.93
For 0.03" (30 mil) Application, Add			1.51
02 83 19 13-0031	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	42.03
For 0.025" (25 mil) Application, Add			2.29
For 0.03" (30 mil) Application, Add			3.55
02 83 19 13-0032	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	9.07
For 0.025" (25 mil) Application, Add			0.60
For 0.03" (30 mil) Application, Add			1.00
For 0.125" (125 mil) Application, Add			6.77
02 83 19 13-0033	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	26.55
For 0.025" (25 mil) Application, Add			1.48
For 0.03" (30 mil) Application, Add			2.31

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0034 SF Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	33.88	
For 0.025" (25 mil) Application, Add	1.84	
For 0.03" (30 mil) Application, Add	2.86	
02 83 19 13-0035 SF Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material.....	12.56	
For 0.025" (25 mil) Application, Add	0.78	
For 0.03" (30 mil) Application, Add	1.26	
02 83 19 13-0036 SF Columns, Chemical Stripping Of Lead Contaminated Material	12.04	
For 0.025" (25 mil) Application, Add	0.79	
For 0.03" (30 mil) Application, Add	1.30	
For 0.125" (125 mil) Application, Add	8.65	
02 83 19 13-0037 SF Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	10.61	
For 0.025" (25 mil) Application, Add	0.68	
For 0.03" (30 mil) Application, Add	1.11	
02 83 19 13-0038 SF Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	11.07	
For 0.025" (25 mil) Application, Add	0.70	
For 0.03" (30 mil) Application, Add	1.15	
02 83 19 13-0039 SF Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	19.28	
For 0.025" (25 mil) Application, Add	1.15	
For 0.03" (30 mil) Application, Add	1.85	
02 83 19 13-0040 EA Electrical Devices, Chemical Stripping Of Lead Contaminated Material	55.27	
For 0.025" (25 mil) Application, Add	3.06	
For 0.03" (30 mil) Application, Add	4.78	
02 83 19 13-0041 LF Door Frames, Chemical Stripping Of Lead Contaminated Material.....	13.65	
For 0.025" (25 mil) Application, Add	0.83	
For 0.03" (30 mil) Application, Add	1.34	
02 83 19 13-0042 SF Wood Floors, Chemical Stripping Of Lead Contaminated Material	7.45	
For 0.025" (25 mil) Application, Add	0.52	
For 0.03" (30 mil) Application, Add	0.88	
02 83 19 13-0043 SF HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	28.39	
For 0.025" (25 mil) Application, Add	1.57	
For 0.03" (30 mil) Application, Add	2.45	
02 83 19 13-0044 SF HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	33.88	
For 0.025" (25 mil) Application, Add	1.84	
For 0.03" (30 mil) Application, Add	2.86	
02 83 19 13-0045 EA Hinges, Chemical Stripping Of Lead Contaminated Material	17.69	
For 0.025" (25 mil) Application, Add	1.11	
For 0.03" (30 mil) Application, Add	1.81	
02 83 19 13-0046 EA Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	21.83	
For 0.025" (25 mil) Application, Add	1.32	
For 0.03" (30 mil) Application, Add	2.12	
For 0.125" (125 mil) Application, Add	12.24	
02 83 19 13-0047 LF Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	6.06	
For 0.025" (25 mil) Application, Add	0.42	
For 0.03" (30 mil) Application, Add	0.69	
For 0.125" (125 mil) Application, Add	4.88	
02 83 19 13-0048 LF >2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	9.77	
For 0.025" (25 mil) Application, Add	0.60	
For 0.03" (30 mil) Application, Add	0.97	
For 0.125" (125 mil) Application, Add	5.80	
02 83 19 13-0049 LF >4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	17.50	
For 0.025" (25 mil) Application, Add	1.06	
For 0.03" (30 mil) Application, Add	1.71	
For 0.125" (125 mil) Application, Add	10.02	
02 83 19 13-0050 LF >8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	24.00	
For 0.025" (25 mil) Application, Add	1.43	
For 0.03" (30 mil) Application, Add	2.28	
For 0.125" (125 mil) Application, Add	12.78	
02 83 19 13-0051 LF >12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	43.09	
For 0.025" (25 mil) Application, Add	2.49	
For 0.03" (30 mil) Application, Add	3.95	
For 0.125" (125 mil) Application, Add	20.91	
02 83 19 13-0052 SF >16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area.....	12.88	
For 0.025" (25 mil) Application, Add	0.72	
For 0.03" (30 mil) Application, Add	1.14	
For 0.125" (125 mil) Application, Add	5.62	
02 83 19 13-0053 EA Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material.....	256.66	
For 0.025" (25 mil) Application, Add	13.92	
For 0.03" (30 mil) Application, Add	21.57	
02 83 19 13-0054 SF Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	17.72	
For 0.025" (25 mil) Application, Add	1.31	
For 0.03" (30 mil) Application, Add	2.23	
02 83 19 13-0055 SF Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	19.43	
For 0.025" (25 mil) Application, Add	1.40	
For 0.03" (30 mil) Application, Add	2.36	
02 83 19 13-0056 SF Siding, Chemical Stripping Of Lead Contaminated Material	10.15	
For 0.025" (25 mil) Application, Add	0.70	
For 0.03" (30 mil) Application, Add	1.16	
For 0.125" (125 mil) Application, Add	8.18	
02 83 19 13-0057 SF Soffit, Chemical Stripping Of Lead Contaminated Material	21.46	
For 0.025" (25 mil) Application, Add	1.22	
For 0.03" (30 mil) Application, Add	1.93	
For 0.125" (125 mil) Application, Add	9.87	
02 83 19 13-0058 SF Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	9.81	
For 0.025" (25 mil) Application, Add	0.64	
For 0.03" (30 mil) Application, Add	1.05	
For 0.125" (125 mil) Application, Add	6.95	



Existing Conditions			02
Facility Remediation			02 80
Lead Remediation			02 83

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0059	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	11.15 0.71 1.16 7.29	
02 83 19 13-0060	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	11.12 0.71 1.15 7.28	
02 83 19 13-0061	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	15.80 0.94 1.50 8.45	
02 83 19 13-0062	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	11.12 0.71 1.15 7.28	
02 83 19 13-0063	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	25.76 1.44 2.25	
02 83 19 13-0064	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	28.21 1.56 2.43	
02 83 19 13-0065	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	29.87 1.64 2.56	
02 83 19 13-0066	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	31.53 1.73 2.68	
02 83 19 13-0067	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	33.18 1.81 2.81	
02 83 19 13-0068	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	34.90 1.90 2.94	
02 83 19 13-0069	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	36.51 1.98 3.06	
02 83 19 13-0070	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	37.34 2.02 3.12	
02 83 19 13-0071	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	38.19 2.06 3.18	
02 83 19 13-0072	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add	38.98 2.10 3.24	
02 83 19 13-0073	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	51.44 2.87 4.50 21.86	
02 83 19 13-0074	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	8.88 0.56 0.90 5.58	
02 83 19 13-0075	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for "Length x Height". Work includes both sides of railing. For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	26.10 1.53 2.44 13.31	
02 83 19 13-0076	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material For 0.025" (25 mil) Application, Add For 0.03" (30 mil) Application, Add For 0.125" (125 mil) Application, Add	28.58 1.62 2.54 12.79	
02 83 19 13-0077		Demolish Lead Contaminated Material (02 83 19 13) Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0078	SF	Demolish Ceiling Suspension System, Lead Contaminated Material.....	2.27	
02 83 19 13-0079	SF	Demolish Plaster Or Stucco, And Lath, Lead Contaminated Material.....	3.30	
02 83 19 13-0080	SF	Demolish Walls, Gypsum Board, Lead Contaminated Material.....	1.07	
02 83 19 13-0081	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.32	
02 83 19 13-0082	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.84	
02 83 19 13-0083	SF	Demolish Metal Pan Grid System, Lead Contaminated Material	1.32	
02 83 19 13-0084	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material.....	63.36	
02 83 19 13-0085	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	84.06	
02 83 19 13-0086	SF	Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	9.39	
02 83 19 13-0087	SF	Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	5.25	
02 83 19 13-0088	SF	Demolish Brick, Lead Contaminated Material	3.96	
02 83 19 13-0089	SF	Demolish Concrete Block, Lead Contaminated Material	5.10	
02 83 19 13-0090	SF	Demolish Tile, Lead Contaminated Material	3.84	
02 83 19 13-0091	SF	Demolish Up To 6" Concrete, Lead Contaminated Material	5.77	
02 83 19 13-0092	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.46	
02 83 19 13-0093	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth.....	5.92	

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 83 19 13-0094	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	6.57
02 83 19 13-0095	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	1.71
02 83 19 13-0096	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.14
02 83 19 13-0097	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.39
02 83 19 13-0098	SF	Demolish Concrete, Lead Contaminated Material	13.07
02 83 19 13-0099	LF	Demolish Cabinets, Lead Contaminated Material	30.45
02 83 19 13-0100	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	1.72
02 83 19 13-0101	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	16.87
02 83 19 13-0102	SF	Demolish Cornice, Lead Contaminated Material	2.25
02 83 19 13-0103	EA	Demolish Doors, Lead Contaminated Material	66.04
02 83 19 13-0104	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material	2.00
02 83 19 13-0105	EA	Demolish Electrical Devices, Lead Contaminated Material	20.27
02 83 19 13-0106	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	2.61
02 83 19 13-0107	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	4.33
02 83 19 13-0108	SF	Demolish Wood Floors, Lead Contaminated Material	3.12
02 83 19 13-0109	SF	Demolish Grilles, Lead Contaminated Material	3.67
02 83 19 13-0110	EA	Demolish Hinges, Lead Contaminated Material	7.36
02 83 19 13-0111	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	15.83
02 83 19 13-0112	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	6.49
02 83 19 13-0113	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	9.46
02 83 19 13-0114	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	14.31
02 83 19 13-0115	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	26.39
02 83 19 13-0116	EA	Demolish Radiators, Lead Contaminated Material	113.99
02 83 19 13-0117	EA	Demolish Shutters, Lead Contaminated Material	44.42
02 83 19 13-0118	SF	Demolish Siding, Lead Contaminated Material	1.76
02 83 19 13-0119	SF	Demolish Soffit, Lead Contaminated Material	1.50
02 83 19 13-0120	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	4.10
02 83 19 13-0121	SF	Demolish Steel Beams, Lead Contaminated Material	4.84
02 83 19 13-0122	SF	Demolish Trusses, Lead Contaminated Material	6.34
02 83 19 13-0123	SF	Demolish Walls, Wood, Lead Contaminated Material	4.69
02 83 19 13-0124	SF	Demolish Windows, Lead Contaminated Material	15.77
02 83 19 13-0125	SF	Demolish Metal Stair, Lead Contaminated Material	7.55
02 83 19 13-0126	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	5.55
02 83 19 13-0127	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	9.06
02 83 19 13-0128	SF	Demolish Metal Picket Fence, Lead Contaminated Material	2.49
02 83 19 13-0129	SF	Demolish Plywood, Lead Contaminated Material	6.82
02 83 19 13-0130	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	3.33
02 83 19 13-0131	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	20.80
02 83 19 13-0132	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	4.54
02 83 19 13-0133	LF	Demolish Metal Guard Rails, Lead Contaminated Material	12.48
02 83 19 13-0134	LF	Demolish Roof Metal Trim, Lead Contaminated Material	2.66
02 83 19 13-0135	LF	Demolish Rain Gutters, Lead Contaminated Material	4.58
02 83 19 13-0136	LF	Demolish Downspouts, Lead Contaminated Material	3.75
02 83 19 13-0137	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material	4.62
02 83 19 13-0138	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	2.66
02 83 19 13-0139	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	6.66

02 83 19 13-0140 Wet Sanding Of Lead Contaminated Material (02 83 19 13)

02 83 19 13-0141	SF	Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint	1.80
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02 83 19 13-0142 Lead Abatement Encapsulation (02 83 19 13)

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0143	SF	Balustrades, Lead Abatement Encapsulation	5.58
02 83 19 13-0144	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	6.57
02 83 19 13-0145	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	8.83
02 83 19 13-0146	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.52
02 83 19 13-0147	SF	Ornate Cabinets, Lead Abatement Encapsulation	8.14
02 83 19 13-0148	SF	Simple Design Cabinets, Lead Abatement Encapsulation	6.60
02 83 19 13-0149	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.15
02 83 19 13-0150	SF	Wood Ceilings, Lead Abatement Encapsulation	2.64
02 83 19 13-0151	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.43
02 83 19 13-0152	SF	Columns, Lead Abatement Encapsulation	4.29
02 83 19 13-0153	SF	Doors, Lead Abatement Encapsulation	9.60
02 83 19 13-0154	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.67
02 83 19 13-0155	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.50
02 83 19 13-0156	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.05
02 83 19 13-0157	SF	Grilles, Vents, Lead Abatement Encapsulation	6.03
02 83 19 13-0158	LF	Gutters And Downspouts, Lead Abatement Encapsulation	5.58
02 83 19 13-0159	EA	Hangers, Lead Abatement Encapsulation	48.70
02 83 19 13-0160	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	3.38
02 83 19 13-0161	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.78
02 83 19 13-0162	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	7.35
02 83 19 13-0163	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	10.84
02 83 19 13-0164	EA	Radiators, Lead Abatement Encapsulation	204.63
02 83 19 13-0165	EA	Up To 6' Shutters, Lead Abatement Encapsulation	177.10
02 83 19 13-0166	SF	Siding, Lead Abatement Encapsulation	3.00
02 83 19 13-0167	SF	Up To 12" Soffit, Lead Abatement Encapsulation	4.29
02 83 19 13-0168	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.52



Existing Conditions			02
Facility Remediation			02 80
Lead Remediation			02 83

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0169 SF Steel Beams And Metal Decks, Lead Abatement Encapsulation	4.66	
02 83 19 13-0170 SF Trusses, Lead Abatement Encapsulation.....	4.66	
02 83 19 13-0171 SF Drywall Walls, Lead Abatement Encapsulation	1.92	
02 83 19 13-0172 SF Wood Walls, Lead Abatement Encapsulation	2.37	
02 83 19 13-0173 EA Window Without Grille, Lead Abatement Encapsulation	176.50	
02 83 19 13-0174 EA Window With Grille, Lead Abatement Encapsulation	207.30	
02 83 19 13-0175 LF Frames And Trim, Lead Abatement Encapsulation.....	3.23	
02 83 19 13-0176 LF Steel Lintels, Lead Abatement Encapsulation.....	3.69	
02 83 33 Removal and Disposal of Material Containing Lead (02 83)		
02 83 33 13 Lead-Based Paint Removal and Disposal (02 83 33)		
02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead (02 83 33 13)		
02 83 33 13-0002 SF High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.27	
02 83 33 13-0003 SF High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate.....	0.28	
02 83 33 13-0004 SF High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting.....	1.32	
02 84 Polychlorinated Biphenyl Remediation (02 84)		
02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)		
02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)		
Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002 EA Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	8.55	
02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)		
Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004 EA Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	1.12	
02 84 16 00-0005 EA Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	1.68	
02 84 16 00-0006 EA Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	5.23	
02 84 16 00-0007 EA Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	11.96	
02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)		
Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009 EA Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	2.80	
02 84 16 00-0010 EA Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	4.20	
02 84 16 00-0011 EA Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	7.85	
02 84 16 00-0012 EA Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	17.94	
02 84 33 Removal and Disposal of Polychlorinated Biphenyls (02 84)		
02 84 33 00-0001 Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers (02 84 33)		
Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002 EA Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB)	2,392.19	
Note: Includes disposal costs.		
02 84 33 00-0003 EA Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB)	3,730.02	
Note: Includes disposal costs.		
02 84 33 00-0004 EA Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB)	1,096.41	
02 84 33 00-0005 EA Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB).....	4,418.92	
Note: Includes disposal costs.		
02 84 33 00-0006 EA Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB).....	1,893.86	
02 84 33 00-0007 EA Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB).....	6,924.03	
Note: Includes disposal costs.		
02 86 Hazardous Waste Drum Handling (02 86)		
02 86 00 00-0001 Hazardous Waste Packaging (02 86)		
02 86 00 00-0002 Overpacks (02 86 00 00-0001)		
02 86 00 00-0003 Steel Salvage Drums, 16 Gauge (02 86 00 00-0002)		
02 86 00 00-0004 EA 110 Gallon, 30" Diameter X 41" High	322.39	
02 86 00 00-0005 EA 85 Gallon, 26" Diameter X 38" High	183.52	
02 86 00 00-0006 EA 83 Gallon, 26" Diameter X 36" High	177.12	
02 86 00 00-0007 EA 55 Gallon, DOT 17C, 18" Diameter X 34" High	110.81	
02 86 00 00-0008 EA 30 Gallon, DOT 17C, 18" Diameter X 28" High	87.29	
02 86 00 00-0009 EA 22 Gallon, 16" Diameter X 25" High	58.81	
02 86 00 00-0010 EA 15 Gallon, DOT 17C, 14" Diameter X 24" High	53.18	

02 Existing Conditions**02 80 Facility Remediation****02 86 Hazardous Waste Drum Handling**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	46.86	
02 86 00 00-0012		Polyethylene Overpacks (02 86 00 00-0002)		
02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	364.16	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	67.30	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	329.52	
02 86 00 00-0016		Composite Overpacks (02 86 00 00-0002)		
02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	178.82	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	245.38	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	332.83	
02 86 00 00-0020		DOT E-9168 Exempt Packaging (02 86 00 00-0002)		
02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	16.63	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	17.54	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	17.15	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	8.49	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	9.58	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	6.32	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	8.22	
02 86 00 00-0028		Steel Drums (02 86 00 00-0001)		
02 86 00 00-0029		UN Rated Steel Drums (02 86 00 00-0028)		
02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	105.80	
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	759.57	
02 86 00 00-0032	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	58.74	
02 86 00 00-0033	EA	8 Gallon, 17C, Open, Steel Drum	60.04	
02 86 00 00-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	941.29	
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	892.29	
02 86 00 00-0036	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,090.35	
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	745.28	
02 86 00 00-0038	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	99.99	
02 86 00 00-0039	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	81.08	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	671.77	
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,069.93	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	986.21	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	963.75	
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	967.84	
02 86 00 00-0045	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	63.90	
02 86 00 00-0046	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	632.97	
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	74.07	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,029.09	
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	608.47	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	871.87	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	581.93	
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,004.59	
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	62.96	
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	826.95	
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	86.15	
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	561.51	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	986.21	
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	45.68	
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	76.36	
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	64.19	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	888.20	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,063.80	
02 86 00 00-0063	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	777.94	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	66.57	
02 86 00 00-0065	EA	20 Gallon, 17E, Open, Steel Drum	43.21	
02 86 00 00-0066	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,043.39	
02 86 00 00-0067		Plastic Drums (02 86 00 00-0001)		
02 86 00 00-0068		Polyethylene Closed Head Drums (02 86 00 00-0067)		
Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.				
02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	66.42	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	50.98	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	46.29	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	32.34	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	31.73	
02 86 00 00-0074		Polyethylene Open Head Drums (02 86 00 00-0067)		
Note: Open head drums are primarily used for solids and sludge.				
02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	83.95	



Existing Conditions		02
Facility Remediation		02 80
Hazardous Waste Drum Handling		02 86

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0076 EA 35 Gallon Polyethylene Open Head Drums	61.72	
02 86 00 00-0077 EA 30 Gallon Polyethylene Open Head Drums	58.64	
02 86 00 00-0078 EA 20 Gallon Polyethylene Open Head Drums	43.21	
02 86 00 00-0079 EA 15 Gallon Polyethylene Open Head Drums	37.03	
02 86 00 00-0080 Fiber Drums (02 86 00 00-0001)		
02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous (02 86 00 00-0080)		
Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.		
02 86 00 00-0082 EA 30 Gallon Fiber Drum DOT-21C (1-9)	50.86	
02 86 00 00-0083 EA 30 Gallon Fiber Drum DOT-21C (10-24)	47.65	
02 86 00 00-0084 EA 30 Gallon Fiber Drum DOT-21C (25-49)	43.45	
02 86 00 00-0085 EA 30 Gallon Fiber Drum DOT-21C (50+)	42.96	
02 86 00 00-0086 EA 55 Gallon Fiber Drum DOT-21C (1-9)	52.34	
02 86 00 00-0087 EA 55 Gallon Fiber Drum DOT-21C (10-24)	49.38	
02 86 00 00-0088 EA 55 Gallon Fiber Drum DOT-21C (25-49)	45.68	
02 86 00 00-0089 EA 55 Gallon Fiber Drum DOT-21C (50-99)	44.19	
02 86 00 00-0090 EA 55 Gallon Fiber Drum DOT-21C (100+)	38.27	
02 86 00 00-0091 EA 10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	32.59	
02 86 00 00-0092 EA 20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	35.55	
02 86 00 00-0093 EA 20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	41.48	
02 86 00 00-0094 Loading Hazardous Waste For Shipment (02 86 00 00-0001)		
02 86 00 00-0095 EA Load Drums On Disposal Truck	10.12	
02 86 00 00-0096 EA Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	1,091.82	
02 86 00 00-0097 Transport Drums To Landfill (02 86 00 00-0001)		
Note: Includes transportation for up to 25 miles.		
02 86 00 00-0098 EA Transport Drum To Landfill	63.25	
Note: Includes transportation for up to 25 miles.		
02 87 Bio-Hazard Material Remediation (02 80)		
02 87 13 Mold Remediation (02 87)		
Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles; disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.		
02 87 13 33 Removal and Disposal of Materials with Mold (02 87 13)		
02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)		
Note: Treat fittings as additional lf of insulation.		
02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)		
Note: Diameter is outer size of insulation.		
02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)		
Note: Excludes encased fittings.		
02 87 13 33-0004 SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	729.24	
02 87 13 33-0005 LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	28.29	
02 87 13 33-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	21.30	
02 87 13 33-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	16.08	
02 87 13 33-0008 LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	12.15	
02 87 13 33-0009 LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	10.62	
02 87 13 33-0010 >6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)		
02 87 13 33-0011 SET Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	751.17	
02 87 13 33-0012 LF >20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	33.56	
02 87 13 33-0013 LF >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.53	
02 87 13 33-0014 LF >500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	19.52	
02 87 13 33-0015 LF >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.00	
02 87 13 33-0016 LF >10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.24	
02 87 13 33-0017 Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0018 Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)		
02 87 13 33-0019 SET Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	740.21	
02 87 13 33-0020 SF >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	16.41	
02 87 13 33-0021 SF >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	12.41	
02 87 13 33-0022 SF >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	9.39	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	7.29	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal (02 87 13 33) Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal (02 87 13 33-0024) Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal.....	734.12	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal.....	16.28	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal.....	12.28	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal.....	9.26	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal.....	7.02	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal (02 87 13 33-0024) Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal.....	734.12	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	16.28	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	12.28	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	9.26	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	7.02	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal (02 87 13 33-0024)		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal.....	746.30	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal.....	5.43	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal.....	4.31	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	3.39	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	2.49	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal (02 87 13 33-0024) Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal.....	740.21	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal.....	22.48	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal.....	16.98	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal.....	12.83	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal.....	9.71	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal (02 87 13 33) Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0050) Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	746.30	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	5.40	
		For Each Additional Layer, Add.....	1.35	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	3.02	
		For Each Additional Layer, Add.....	0.76	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	1.74	
		For Each Additional Layer, Add.....	0.44	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	1.36	
		For Each Additional Layer, Add.....	0.34	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal (02 87 13 33-0057)		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	746.30	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	4.49	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	2.82	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	1.88	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	1.44	
02 87 13 33-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 87 13 33-0057)		
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal.....	746.30	
		Note: Includes tack strips.		
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal.....	5.06	
		Note: Includes tack strips.		
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal.....	3.67	
		Note: Includes tack strips.		
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal.....	2.91	
		Note: Includes tack strips.		
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal.....	2.25	
		Note: Includes tack strips.		



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0070 Subflooring, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0071 SET Up To 75 SF, Subflooring, Mold Abatement And Disposal.....	740.21	
02 87 13 33-0072 SF >75 To 500 SF, Subflooring, Mold Abatement And Disposal.....	6.22	
02 87 13 33-0073 SF >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal.....	3.97	
02 87 13 33-0074 SF >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal.....	2.40	
02 87 13 33-0075 SF >10,000 SF, Subflooring, Mold Abatement And Disposal.....	1.53	
02 87 13 33-0076 Siding, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0077 Interior Paneling, Mold Abatement And Disposal (02 87 13 33-0076)		
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078 SET Up To 100 SF, Interior Paneling, Mold Abatement And Disposal.....	746.30	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0079 SF >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal.....	5.38	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0080 SF >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal.....	3.78	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0081 SF >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal.....	2.20	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0082 SF >10,000 SF, Interior Paneling, Mold Abatement And Disposal.....	1.69	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0083 Exterior Siding, Mold Abatement And Disposal (02 87 13 33-0076)		
02 87 13 33-0084 SET Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal.....	746.30	
02 87 13 33-0085 SF >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal.....	6.69	
02 87 13 33-0086 SF >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal.....	4.64	
02 87 13 33-0087 SF >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal.....	3.13	
02 87 13 33-0088 SF >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal.....	2.82	
02 87 13 33-0089 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0090 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)		
02 87 13 33-0091 SET Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal.....	751.17	
02 87 13 33-0092 CF >20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal.....	26.43	
02 87 13 33-0093 CF >100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal.....	18.11	
02 87 13 33-0094 CF >250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal.....	13.95	
02 87 13 33-0095 CF >500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal.....	11.45	
02 87 13 33-0096 CF >2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	6.92	
02 87 13 33-0097 CF >10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	6.36	
02 87 13 33-0098 Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0099 Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098)		
Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100 SET Up To 100 LF, Wood Studs, Mold Abatement And Disposal.....	373.15	
02 87 13 33-0101 LF >100 To 500 LF, Wood Studs, Mold Abatement And Disposal.....	3.03	
02 87 13 33-0102 LF >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal.....	2.25	
02 87 13 33-0103 LF >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.75	
02 87 13 33-0104 LF >10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.33	
02 87 13 33-0105 Ceiling Tile, Mold Abatement And Disposal (02 87 13 33-0098)		
Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106 SET Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal.....	746.30	
02 87 13 33-0107 SF >100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	9.26	
02 87 13 33-0108 SF >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal.....	4.35	
02 87 13 33-0109 SF >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.13	
02 87 13 33-0110 SF >10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	2.82	
02 87 13 33-0111 Caulking, Mold Abatement And Disposal (02 87 13 33-0098)		
02 87 13 33-0112 SET Up To 20 LF, Caulking, Mold Abatement And Disposal.....	180.89	
02 87 13 33-0113 LF >20 To 50 LF, Caulking, Mold Abatement And Disposal.....	3.63	
02 87 13 33-0114 LF >50 To 100 LF, Caulking, Mold Abatement And Disposal.....	2.60	
02 87 13 33-0115 LF >100 To 250 LF, Caulking, Mold Abatement And Disposal.....	1.97	
02 87 13 33-0116 LF >250 To 1,000 LF, Caulking, Mold Abatement And Disposal.....	1.47	
02 87 13 33-0117 LF >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal.....	1.19	
02 87 13 33-0118 LF >2,500 LF, Caulking, Mold Abatement And Disposal.....	1.02	
02 87 13 33-0119 Wipe Down Walls, Ceilings And Floors (02 87 13 33-0098)		
02 87 13 33-0120 CSF Wipe Down Floors With Mild Bleach Solution	20.07	
For >25 To 50, Deduct		-2.01
For >50 To 200, Deduct		-5.01
For >200, Deduct		-8.02

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0121 CSF Wipe Down Walls With Mild Bleach Solution	23.61	
For >25 To 50, Deduct	-2.36	
For >50 To 200, Deduct	-5.90	
For >200, Deduct	-9.44	
02 87 13 33-0122 CSF Wipe Down Ceilings With Mild Bleach Solution	26.86	
For >25 To 50, Deduct	-2.68	
For >50 To 200, Deduct	-6.71	
For >200, Deduct	-10.74	
02 87 13 33-0123 CSF Wipe Down Countertops With Mild Bleach Solution	21.90	
For >25 To 50, Deduct	-2.19	
02 87 13 33-0124 CSF Wipe Down Other Surfaces With Mild Bleach Solution	27.79	
For >25 To 50, Deduct	-2.78	
For >50 To 200, Deduct	-6.94	
For >200, Deduct	-11.11	
02 87 13 33-0125 Cabinets (02 87 13 33-0098)		
02 87 13 33-0126 SET Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	785.08	
02 87 13 33-0127 LF >10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	82.86	
02 87 13 33-0128 LF >20 LF, Base Cabinet, Mold Abatement And Disposal	61.07	
02 87 13 33-0129 SET Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	741.21	
02 87 13 33-0130 LF >10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	69.77	
02 87 13 33-0131 LF >20 LF, Wall Cabinet, Mold Abatement And Disposal	47.97	
02 87 16 Excrement Removal (02 87)		
Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.		
02 87 16 13 Bird Excrement Removal (02 87 16)		
02 87 16 13-0001 Bird Waste Removal (02 87 16 13)		
Note: In addition to items listed the Bio-Hazard Material Remediation note above, tasks include wetting agents and disinfection of contaminated surfaces.		
02 87 16 13-0002 EA Up To 10 SF Bird Waste Removal, Up To 3" Thickness	721.93	
For Work In Restricted Working Space, Add	216.58	
02 87 16 13-0003 SF >10 To 500 SF Bird Waste Removal, Up To 3" Thickness	12.04	
For Work In Restricted Working Space, Add	3.61	
02 87 16 13-0004 SF >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	10.94	
For Work In Restricted Working Space, Add	3.28	
02 87 16 13-0005 SF >2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	9.95	
For Work In Restricted Working Space, Add	2.99	
02 87 16 13-0006 SF >10,000 SF Bird Waste Removal, Up To 3" Thickness	9.04	
For Work In Restricted Working Space, Add	2.71	
02 87 19 Bio-Hazard and Infectious Disease Control Remediation (02 87)		
02 87 19 00-0001 Temporary Barriers (02 87 19)		
02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
Note: Panels are opal or transparent. Panels include self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
02 87 19 00-0003 EA 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	665.54	
02 87 19 00-0004 EA 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	631.97	
02 87 19 00-0005 EA 2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	497.73	
02 87 19 00-0006 EA 2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	576.04	
02 87 19 00-0007 EA 6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	304.81	
02 87 19 00-0008 EA 12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	327.18	
02 87 19 00-0009 EA 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)	1,017.93	
Note: Door panels include a hydraulic closer and a lever style lockset standard.		
02 87 19 00-0010 EA 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,129.80	
Note: Door panels include a hydraulic closer and a lever style lockset standard.		
02 87 19 00-0011 EA 4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)	1,353.54	
Note: Door panels include a hydraulic closer and a lever style lockset standard.		
02 87 19 00-0012 EA 7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	225.72	
02 87 19 00-0013 EA 7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	186.56	
02 87 19 00-0014 EA 7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	186.56	
02 87 19 00-0015 EA Closure Strips (Edge Guard 3003)	13.08	
Note: To seal panels to existing walls		
02 87 19 00-0016 EA Digital Differential Pressure Gauge Kit (Edge Guard 3005)	312.33	
02 87 19 00-0017 Temporary Sheeting For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018 SF 6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.45	
02 87 19 00-0019 SF 6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.58	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0020 SF 6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	0.80	
02 87 19 00-0021 SF 6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.52	
02 87 19 00-0022 SF 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.65	
02 87 19 00-0023 SF 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.87	
02 87 19 00-0024 Temporary Floor Protection For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001) Note: Includes removal after use.		
02 87 19 00-0025 SF Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.71	
02 87 19 00-0026 SF 1/2" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.38	
02 87 19 00-0027 SF 3/4" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.89	
02 87 19 00-0028 Temporary Stud Wall For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001) Note: Includes removal after use.		
02 87 19 00-0029 SF 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	5.76	
02 87 19 00-0030 SF 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	7.70	
02 87 19 00-0031 SF 5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	5.88	
02 87 19 00-0032 SF 5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	7.95	
02 87 19 00-0033 SF 6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.64	
02 87 19 00-0034 Isolation Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
02 87 19 00-0035 GSF Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control	19.34	
Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.		
02 87 19 00-0036 GSF Relocate Tent Construction To Different Area	2.35	
02 87 19 00-0037 Plexiglass Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
02 87 19 00-0038 SF 3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	19.00	
02 87 19 00-0039 SF 1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	22.66	
02 87 19 00-0040 SF 3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	32.22	
02 87 19 00-0041 PR Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control	968.91	
Note: Excludes gloves.		
02 87 19 00-0042 PR Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control	346.80	
Note: For installation in glove iris port.		
02 87 19 00-0043 PR Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control	549.03	
Note: For installation in glove iris port.		
02 87 19 00-0044 EA 5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease.....	107.14	
Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).		
02 87 19 00-0045 Temporary Portable And Mobile Trailers (02 87 19)		
02 87 19 00-0046 Trailer Delivery (02 87 19 00-0045)		
02 87 19 00-0047 EA Deliver Trailer Within 25 Miles	1,069.54	
02 87 19 00-0048 Portable And Mobile Trailers, Purchase (02 87 19 00-0045) Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049 EA 8' x 24' Mobile Trailer With Toilet, Purchase	8,356.63	
For Tie-Downs, Add		
02 87 19 00-0050 EA 8' x 32' Mobile Trailer With Toilet, Purchase	11,802.83	
For Tie-Downs, Add		
02 87 19 00-0051 EA 10' x 36' Mobile Trailer With Toilet, Purchase	16,834.29	
For Tie-Downs, Add		
02 87 19 00-0052 EA 10' x 44' Mobile Trailer With Toilet, Purchase	21,030.21	
For Tie-Downs, Add		
02 87 19 00-0053 EA 10' x 50' Mobile Trailer With Toilet, Purchase	23,907.46	
For Tie-Downs, Add		
02 87 19 00-0054 EA 12' x 50' Mobile Trailer With Toilet, Purchase	25,137.92	
For Tie-Downs, Add		
02 87 19 00-0055 EA 12' x 60' Mobile Trailer With Toilet, Purchase	27,970.62	
For Tie-Downs, Add		
02 87 19 00-0056 Accessories For Portable And Mobile Trailers (02 87 19 00-0045)		

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0057		Skirting (02 87 19 00-0056) Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	3.94	1.59
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt.....	5.85	2.62
02 87 19 00-0060		Aluminum Modular Access Ramp (02 87 19 00-0056) Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	2,448.75	30.44
02 87 19 00-0062		Aluminum Modular Stairs (02 87 19 00-0056) Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	682.02	
02 87 19 00-0064		Decontamination Chambers For Bio-Hazard And Infectious Disease Control (02 87 19) Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control.....	700.41	
		Note: Includes connection to negative air system.		
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control.....	826.82	
		Note: Includes connection to negative air system.		
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control	438.15	
		Note: Includes connection to negative air system.		
02 87 19 00-0068		Bio-Hazard And Infectious Disease Control Cleaning, Level 2 (02 87 19) Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069		Bio-Hazard And Infectious Disease Control Cleaning Mobilization (02 87 19 00-0068)		
02 87 19 00-0070	EA	Bio-Hazard And Infectious Disease Control Mobilization And Set-Up	309.17	
		Note: Mobilization and set-up minimum for each site location.		
02 87 19 00-0071		Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces (02 87 19 00-0068) Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	22.92	
		For >25 To 50, Deduct	-2.29	
		For >50 To 200, Deduct	-4.58	
		For >200, Deduct	-6.87	
		For Cleaning Surfaces With Goldshield® GS5, Add	9.32	
		For Level 1 Biohazard Cleaning, Deduct	-4.58	
		For Level 3 Biohazard Cleaning, Add	7.56	
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	26.96	
		For >25 To 50, Deduct	-2.69	
		For >50 To 200, Deduct	-5.39	
		For >200, Deduct	-8.08	
		For Cleaning Surfaces With Goldshield® GS5, Add	9.32	
		For Level 1 Biohazard Cleaning, Deduct	-5.39	
		For Level 3 Biohazard Cleaning, Add	8.89	
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	30.67	
		For >25 To 50, Deduct	-3.07	
		For >50 To 200, Deduct	-6.13	
		For >200, Deduct	-9.20	
		For Cleaning Surfaces With Goldshield® GS5, Add	9.32	
		For Level 1 Biohazard Cleaning, Deduct	-6.13	
		For Level 3 Biohazard Cleaning, Add	10.11	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	25.00	
		For Cleaning Surfaces With Goldshield® GS5, Add	9.32	
		For >5 To 10, Deduct	-1.25	
		For >10 To 50, Deduct	-2.50	
		For >50, Deduct	-5.00	
		For Level 1 Biohazard Cleaning, Deduct	-5.00	
		For Level 3 Biohazard Cleaning, Add	8.24	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	31.73	
		For >25 To 50, Deduct	-3.17	
		For >50 To 200, Deduct	-6.34	
		For >200, Deduct	-9.51	
		For Cleaning Surfaces With Goldshield® GS5, Add	9.32	
		For Level 1 Biohazard Cleaning, Deduct	-6.34	
		For Level 3 Biohazard Cleaning, Add	10.46	



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MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
02 87 19 00-0077	Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials (02 87 19 00-0068) Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect			
02 87 19 00-0078	EA	Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	59.24	
		For Level 1 Biohazard Cleaning, Deduct	-11.84	
		For Level 3 Biohazard Cleaning, Add	19.54	
		For Cleaning Surfaces With Goldshield® GS5, Add	4.66	
02 87 19 00-0079	EA	Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	27.18	
		For Level 1 Biohazard Cleaning, Deduct	-5.43	
		For Level 3 Biohazard Cleaning, Add	8.96	
		For Cleaning Surfaces With Goldshield® GS5, Add	3.11	
02 87 19 00-0080	EA	Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	95.43	
		For Level 1 Biohazard Cleaning, Deduct	-19.08	
		For Level 3 Biohazard Cleaning, Add	31.49	
		For Cleaning Surfaces With Goldshield® GS5, Add	4.66	
02 87 19 00-0081	EA	Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	5.88	
		For Level 1 Biohazard Cleaning, Deduct	-1.17	
		For Level 3 Biohazard Cleaning, Add	1.93	
		For Cleaning Surfaces With Goldshield® GS5, Add	0.93	
02 87 19 00-0082	EA	Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up.....	87.97	
		Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
		For Level 1 Biohazard Cleaning, Deduct	-17.59	
		For Level 3 Biohazard Cleaning, Add	29.02	
		For Cleaning Surfaces With Goldshield® GS5, Add	4.66	
02 87 19 00-0083	EA	Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up.....	9.40	
		For Level 1 Biohazard Cleaning, Deduct	-1.88	
		For Level 3 Biohazard Cleaning, Add	3.10	
		For Cleaning Surfaces With Goldshield® GS5, Add	0.93	
02 87 19 00-0084	Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork (02 87 19 00-0068)			
02 87 19 00-0085	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning.....	3.46	
		For Level 1 Biohazard Cleaning, Deduct	-0.69	
		For Level 3 Biohazard Cleaning, Add	1.14	
02 87 19 00-0086	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning.....	4.33	
		For Level 1 Biohazard Cleaning, Deduct	-0.86	
		For Level 3 Biohazard Cleaning, Add	1.42	
02 87 19 00-0087	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning.....	5.81	
		For Level 1 Biohazard Cleaning, Deduct	-1.15	
		For Level 3 Biohazard Cleaning, Add	1.89	
02 87 19 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning.....	8.20	
		For Level 1 Biohazard Cleaning, Deduct	-1.61	
		For Level 3 Biohazard Cleaning, Add	2.66	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning.....	154.60	
		For Level 1 Biohazard Cleaning, Deduct	-30.92	
		For Level 3 Biohazard Cleaning, Add	51.01	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning.....	10.75	
		For Level 1 Biohazard Cleaning, Deduct	-2.15	
		For Level 3 Biohazard Cleaning, Add	3.54	
02 87 19 00-0091	EA	Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning.....	103.08	
		For Level 1 Biohazard Cleaning, Deduct	-20.61	
		For Level 3 Biohazard Cleaning, Add	34.01	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning.....	309.19	
		For Level 1 Biohazard Cleaning, Deduct	-61.83	
		For Level 3 Biohazard Cleaning, Add	102.03	
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning.....	25.78	
		Note: Includes removal and installation.		
		For Level 1 Biohazard Cleaning, Deduct	-5.15	
		For Level 3 Biohazard Cleaning, Add	8.50	
02 87 19 00-0094	SF	Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....	0.46	
		For Level 1 Biohazard Cleaning, Deduct	-0.08	
		For Level 3 Biohazard Cleaning, Add	0.14	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....	0.51	
		For Level 1 Biohazard Cleaning, Deduct	-0.08	
		For Level 3 Biohazard Cleaning, Add	0.14	
02 87 19 00-0096	Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.			
02 87 19 00-0097	DAY	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up.....	173.64	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up.....	739.56	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up.....	2,070.78	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....	99.84	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....	274.57	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....	748.83	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up.....	31.49	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up.....	86.61	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up.....	236.21	
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	104.34	
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	428.56	
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	1,294.99	
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up..... Note: Required if over 800 hours operation.	212.22	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	313.93	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	627.86	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,255.72	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	418.57	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	837.14	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,674.29	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	626.92	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,253.84	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,507.68	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	835.89	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,671.79	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	3,343.57	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,044.87	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,089.73	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	4,179.46	
02 87 19 00-0125	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up..... Note: Includes staking down tent.	93.80	
02 87 19 00-0126	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up..... Note: Includes staking down tent.	187.61	
02 87 19 00-0127	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up..... Note: Includes staking down tent.	562.82	
02 87 19 00-0128	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up..... Note: Includes staking down tent.	1,125.64	
02 87 19 00-0129	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up..... Note: Includes staking down tent.	1,876.05	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up.....	68.65	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up.....	188.78	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up.....	514.84	
02 87 19 00-0133		Bio-Hazard And Infectious Disease Control Hauling By Truck (02 87 19) Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up..... Note: Each first 15 miles per trip	92.89	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.16	
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up..... Note: Each first 15 miles per trip	139.43	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.74	
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up..... Note: Each first 15 miles per trip	145.00	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.81	
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up..... Note: Each first 15 miles per trip	157.90	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	1.97	
02 87 19 00-0138		Bio-Hazard And Infectious Disease Control Disposal (02 87 19) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee.....	39.48	
02 87 19 00-0140		BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters (02 87 19) Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.		
02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P).....	29,125.35	
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST).....	2,799.92	
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04).....	4,632.74	
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846).....	4.34	
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5).....	1,271.58	
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5).....	20,827.04	
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915).....	725.93	



Existing Conditions			02
Facility Remediation			02 80
Bio-Hazard Material Remediation			02 87

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5)	32,781.42		
Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case					
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	198.61		
02 87 19 00-0150	EA	10 Lbs Sledgehammer (AKS-AA268)	59.63		
02 87 19 00-0151		Bio-Hazard And Infectious Disease Time And Material Tasks (02 87 19) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.			
02 87 19 00-0152		Bio-Hazard And Infectious Disease Control Labor (02 87 19 00-0151) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.			
02 87 19 00-0153	HR	General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	97.70		
02 87 19 00-0154	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up	109.96		
02 87 19 00-0155	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	101.25		
02 87 19 00-0156	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	121.74		
02 87 19 00-0157	HR	Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	133.89		
02 87 19 00-0158		Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment (02 87 19 00-0151) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.			
02 87 19 00-0159	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	10.43		
02 87 19 00-0160	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	17.07		
02 87 19 00-0161	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	11.06		
02 87 19 00-0162	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	80.47		
02 87 19 00-0163	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	36.43		
02 87 19 00-0164	EA	Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	245.50		
Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension					
02 87 19 00-0165	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	33.56		
Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010					
02 87 19 00-0166	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	60.97		
Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.					
02 87 19 00-0167	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	18.90		
02 87 19 00-0168	EA	Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	16.14		
02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	1,640.97		
Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afi), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly					
02 87 19 00-0170		Bio-Hazard And Infectious Disease Control Expendables (02 87 19 00-0151) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0034 for temporary walls.			
02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Clean-up	10.16		
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	2.70		
02 87 19 00-0173	GAL	Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up	99.56		
02 87 19 00-0174	GAL	Goldshield® GS5 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up	223.60		
Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days					
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	10.55		
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	4.97		
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	12.96		
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	48.85		
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	52.23		
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	7.70		
02 87 19 00-0181	EA	Wyp-A-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	15.54		
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	160.77		
02 89		Hazmat Ancillary Tasks and Support (02 89)			
02 89 00 00-0001		Barriers And Protection (02 89) Note: Includes removal and disposal after use.			
02 89 00 00-0002		Isolation Barriers (02 89 00 00-0001) See CSI section 01 56 16 00-0034 for temporary stud walls.			
02 89 00 00-0003		Hazmat Containment Construction (02 89 00 00-0001)			
02 89 00 00-0004	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.41		

02 Existing Conditions**02 80 Facility Remediation****02 89 Hazmat Ancillary Tasks and Support**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 89 00 00-0005 SF 6 Mil Plastic Sheetting, Applied To Walls, Hazmat Containment Construction	0.55	
02 89 00 00-0006 SF 6 Mil Plastic Sheetting, Applied To Ceilings, Hazmat Containment Construction	0.74	
02 89 00 00-0007 SF 6 Mil Plastic Fire Retardant, Anti Static Sheetting, Applied To Floors, Hazmat Containment Construction	0.52	
02 89 00 00-0008 SF 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheetting, Applied To Walls, Hazmat Containment Construction	0.66	
02 89 00 00-0009 SF 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheetting, Applied To Ceilings, Hazmat Containment Construction	0.87	
02 89 00 00-0010 Decontamination Chambers (02 89)		
Note: Includes removal after use.		
02 89 00 00-0011 EA 3 Stage Portable Personnel Decontamination Wash Facility	697.46	
Note: Includes connection to negative air system.		
02 89 00 00-0012 EA 5 Stage Portable Personnel Decontamination Wash Facility	823.27	
Note: Includes connection to negative air system.		
02 89 00 00-0013 EA Portable Waste Decontamination Unit	435.79	
Note: Includes connection to negative air system.		
For Dismantling And Relocation To A Different Area, Add	293.24	
02 90 Disaster Recovery (02)		
Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.		
02 90 50 Cleaning and Emergency Clean-up (02 90)		
02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal (02 90 50)		
Note: For materials that do not require mold abatement.		
02 90 50 00-0002 SY Wet Broadloom Carpet Removal For Emergency Clean-up	8.01	
02 90 50 00-0003 SY Wet Carpet Tile Removal For Emergency Clean-up	1.95	
02 90 50 00-0004 SF Wet Batt Insulation Removal For Emergency Clean-up	0.16	
02 90 50 00-0005 SF Wet Ceiling Tile Removal For Emergency Clean-up	0.19	
02 90 50 00-0006 SF Single Layer, Wet Gypsum Board Removal For Emergency Clean-up	0.19	
02 90 50 00-0007 SF Double Layer, Wet Gypsum Board Removal For Emergency Clean-up	0.30	
02 90 50 00-0008 Cleaning (02 90 50)		
Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required		
02 90 50 00-0009 Clean Furnishings (02 90 50 00-0008)		
02 90 50 00-0010 EA Office Equipment, Exterior Wipe For Emergency Clean-up	27.80	
For Medium Clean, Add	11.68	
For Heavy Clean, Add	36.14	
02 90 50 00-0011 SF Bookcase (Per SF Of Face Area), Light Clean For Emergency Clean-up	1.55	
For Medium Clean, Add	0.65	
For Heavy Clean, Add	2.02	
02 90 50 00-0012 LF Shelving, Light Clean For Emergency Clean-up	2.78	
For Medium Clean, Add	1.17	
For Heavy Clean, Add	3.61	
02 90 50 00-0013 EA Plastic Or Metal Chair, Light Clean For Emergency Clean-up	8.03	
For Medium Clean, Add	3.37	
For Heavy Clean, Add	10.44	
02 90 50 00-0014 EA Upholstered Chair, Light Clean For Emergency Clean-up	25.95	
For Medium Clean, Add	10.90	
For Heavy Clean, Add	33.74	
02 90 50 00-0015 EA Upholstered Sofa, Light Clean For Emergency Clean-up	159.98	
For Medium Clean, Add	67.19	
For Heavy Clean, Add	207.97	
02 90 50 00-0016 EA Desk, Light Clean For Emergency Clean-up	32.74	
For Medium Clean, Add	13.75	
For Heavy Clean, Add	42.56	
02 90 50 00-0017 EA Table, Light Clean For Emergency Clean-up	30.89	
For Medium Clean, Add	12.97	
For Heavy Clean, Add	40.16	
02 90 50 00-0018 EA Two Drawer File Cabinet, Light Clean For Emergency Clean-up	6.77	
For Medium Clean, Add	2.84	
For Heavy Clean, Add	8.80	
02 90 50 00-0019 EA Four Drawer File Cabinet, Light Clean For Emergency Clean-up	8.66	
For Medium Clean, Add	3.64	
For Heavy Clean, Add	11.26	
02 90 50 00-0020 LF Base Cabinet, Exterior Wipe, Light Clean For Emergency Clean-up	7.11	
For Medium Clean, Add	2.99	
For Heavy Clean, Add	9.24	
02 90 50 00-0021 LF Base Cabinet, Exterior And Interior Wipe, Light Clean For Emergency Clean-up	13.90	
For Medium Clean, Add	5.84	
For Heavy Clean, Add	18.07	
02 90 50 00-0022 LF Wall Cabinet, Exterior Wipe, Light Clean For Emergency Clean-up	7.11	
For Medium Clean, Add	2.99	
For Heavy Clean, Add	9.24	
02 90 50 00-0023 LF Wall Cabinet, Exterior And Interior Wipe, Light Clean For Emergency Clean-up	12.35	
For Medium Clean, Add	5.19	
For Heavy Clean, Add	16.06	



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Emergency Clean-up		02 90 50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0024	EA		Picture Frame, Glass And Back, Light Clean For Emergency Clean-up	2.96	
			For Medium Clean, Add	1.24	
			For Heavy Clean, Add	3.85	
02 90 50 00-0025 Clean Hard Surfaces (02 90 50 00-0008)					
02 90 50 00-0026	LF		Wood, Vinyl Or Rubber Baseboard, Light Clean For Emergency Clean-up	0.40	
			For Medium Clean, Add	0.17	
			For Heavy Clean, Add	0.52	
02 90 50 00-0027	EA		Door And Hardware (Per Side), Light Clean For Emergency Clean-up	5.25	
			For Medium Clean, Add	2.21	
			For Heavy Clean, Add	6.83	
02 90 50 00-0028	EA		Detailed Door And Hardware (Per Side), Light Clean For Emergency Clean-up	5.95	
			For Medium Clean, Add	2.50	
			For Heavy Clean, Add	7.74	
02 90 50 00-0029	SF		Overhead Door, Light Clean For Emergency Clean-up	0.42	
			For Medium Clean, Add	0.18	
			For Heavy Clean, Add	0.55	
02 90 50 00-0030	SF		Mirror, Light Clean For Emergency Clean-up	0.31	
			For Medium Clean, Add	0.13	
			For Heavy Clean, Add	0.40	
02 90 50 00-0031	SF		Window, Light Clean For Emergency Clean-up	0.91	
			For Medium Clean, Add	0.38	
			For Heavy Clean, Add	1.18	
02 90 50 00-0032	LF		Handrail, Light Clean For Emergency Clean-up	0.81	
			For Medium Clean, Add	0.34	
			For Heavy Clean, Add	1.05	
02 90 50 00-0033	LF		Bumper Rail, Light Clean For Emergency Clean-up	0.44	
			For Medium Clean, Add	0.18	
			For Heavy Clean, Add	0.57	
02 90 50 00-0034	SF		Hard Floor, Light Clean For Emergency Clean-up	0.36	
			For Medium Clean, Add	0.15	
			For Heavy Clean, Add	0.47	
02 90 50 00-0035	SF		Carpet, Light Clean For Emergency Clean-up	0.37	
			For Medium Clean, Add	0.16	
			For Heavy Clean, Add	0.48	
02 90 50 00-0036	SF		Hard Ceiling, Light Clean For Emergency Clean-up	0.28	
			For Medium Clean, Add	0.12	
			For Heavy Clean, Add	0.36	
02 90 50 00-0037	SF		Suspended Ceiling, Tile And Grid, Light Clean For Emergency Clean-up	0.31	
			For Medium Clean, Add	0.13	
			For Heavy Clean, Add	0.40	
02 90 50 00-0038	SF		Ceramic Tile Wall, Light Clean For Emergency Clean-up	0.26	
			For Medium Clean, Add	0.11	
			For Heavy Clean, Add	0.34	
02 90 50 00-0039	SF		Wall, Light Clean For Emergency Clean-up	0.19	
			For Medium Clean, Add	0.08	
			For Heavy Clean, Add	0.25	
02 90 50 00-0040	SF		Masonry Wall, Light Clean For Emergency Clean-up	0.26	
			For Medium Clean, Add	0.11	
			For Heavy Clean, Add	0.34	
02 90 50 00-0041	EA		Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up	65.15	
			Note: Includes removal from site, cleaning, and return.		
			For Medium Clean, Add	27.36	
			For Heavy Clean, Add	84.70	
02 90 50 00-0042	EA		>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up	81.43	
			Note: Includes removal from site, cleaning, and return.		
			For Medium Clean, Add	34.20	
			For Heavy Clean, Add	105.86	
02 90 50 00-0043	EA		>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up	97.71	
			Note: Includes removal from site, cleaning, and return.		
			For Medium Clean, Add	41.04	
			For Heavy Clean, Add	127.02	
02 90 50 00-0044	EA		>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up	114.00	
			For Medium Clean, Add	47.88	
			For Heavy Clean, Add	148.20	
02 90 50 00-0045 Clean Window Treatments (02 90 50 00-0008)					
02 90 50 00-0046	SF		Window Blind, Light Clean For Emergency Clean-up	0.71	
			For Medium Clean, Add	0.30	
			For Heavy Clean, Add	0.92	
02 90 50 00-0047	EA		Up To 6' Long Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.45	
			For Medium Clean, Add	0.61	
			For Heavy Clean, Add	1.89	
02 90 50 00-0048	EA		Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.67	
			For Medium Clean, Add	0.70	
			For Heavy Clean, Add	2.17	
02 90 50 00-0049	EA		>6' To 8' Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.52	
			For Medium Clean, Add	0.64	
			For Heavy Clean, Add	1.98	
02 90 50 00-0050	EA		>6' To 8' Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.75	
			For Medium Clean, Add	0.74	
			For Heavy Clean, Add	2.28	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Emergency Clean-up**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	1.86	
		For Medium Clean, Add	0.78	
		For Heavy Clean, Add	2.42	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up.....	2.14	
		For Medium Clean, Add	0.90	
		For Heavy Clean, Add	2.78	
02 90 50 00-0053		Clean Appliances (02 90 50 00-0008)		
02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Emergency Clean-up.....	12.80	
		For Medium Clean, Add	5.38	
		For Heavy Clean, Add	16.64	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Emergency Clean-up.....	30.15	
		For Medium Clean, Add	12.66	
		For Heavy Clean, Add	39.20	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Emergency Clean-up.....	26.06	
		For Medium Clean, Add	10.95	
		For Heavy Clean, Add	33.88	
02 90 50 00-0057		Clean Plumbing (02 90 50 00-0008)		
02 90 50 00-0058	EA	Water Heater, Light Clean For Emergency Clean-up.....	18.54	
		For Medium Clean, Add	7.79	
		For Heavy Clean, Add	24.10	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Emergency Clean-up.....	18.72	
		For Medium Clean, Add	7.86	
		For Heavy Clean, Add	24.34	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Emergency Clean-up.....	8.59	
		For Medium Clean, Add	3.61	
		For Heavy Clean, Add	11.17	
02 90 50 00-0061		Clean HVAC (02 90 50 00-0008)		
02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Emergency Clean-up.....	5.53	
		For Medium Clean, Add	2.32	
		For Heavy Clean, Add	7.19	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Emergency Clean-up.....	15.45	
		For Medium Clean, Add	6.49	
		For Heavy Clean, Add	20.09	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Emergency Clean-up.....	59.30	
		For Medium Clean, Add	24.91	
		For Heavy Clean, Add	77.09	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Emergency Clean-up.....	5.56	
		For Medium Clean, Add	2.34	
		For Heavy Clean, Add	7.23	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Emergency Clean-up.....	38.51	
		For Medium Clean, Add	16.17	
		For Heavy Clean, Add	50.06	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Emergency Clean-up.....	34.29	
		For Medium Clean, Add	14.40	
		For Heavy Clean, Add	44.58	
02 90 50 00-0068		Clean Electrical (02 90 50 00-0008)		
02 90 50 00-0069	EA	Electric Fan, Light Clean For Emergency Clean-up.....	22.86	
		For Medium Clean, Add	9.60	
		For Heavy Clean, Add	29.72	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Emergency Clean-up.....	24.71	
		For Medium Clean, Add	10.38	
		For Heavy Clean, Add	32.12	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Emergency Clean-up.....	32.12	
		For Medium Clean, Add	13.49	
		For Heavy Clean, Add	41.76	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Emergency Clean-up.....	22.54	
		For Medium Clean, Add	9.47	
		For Heavy Clean, Add	29.30	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Emergency Clean-up.....	14.83	
		For Medium Clean, Add	6.23	
		For Heavy Clean, Add	19.28	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Emergency Clean-up.....	6.79	
		For Medium Clean, Add	2.85	
		For Heavy Clean, Add	8.83	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Emergency Clean-up.....	5.25	
		For Medium Clean, Add	2.21	
		For Heavy Clean, Add	6.83	
02 90 50 00-0076	EA	Thermostat, Light Clean For Emergency Clean-up.....	1.85	
		For Medium Clean, Add	0.78	
		For Heavy Clean, Add	2.41	
02 90 50 00-0077		Thermal Fog (02 90 50 00-0008)		
02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Emergency Clean-up.....	0.02	



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Emergency Clean-up		02 90 50

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0079 Contents Manipulation (02 90 50)		
02 90 50 00-0080 SF Cover Contents With 6 Mil Plastic Sheetting For Emergency Clean-up	0.21	
02 90 50 00-0081 SF Floor Protection, Adhesive Film For Emergency Clean-up	0.27	
02 90 50 00-0082 SF Move Contents Out And Later Reset For Emergency Clean-up	0.49	
02 90 50 00-0083 MO 20' Long Job Site Storage Trailer For Emergency Clean-up	139.32	
02 90 50 00-0084 MO 40' Long Job Site Storage Trailer For Emergency Clean-up	184.77	
02 90 50 00-0085 EA Delivery Or Pickup Job Site Storage Trailer For Emergency Clean-up	143.67	
02 90 50 00-0086 Water Emergency Clean-up (02 90 50)		
02 90 50 00-0087 LF Detach Baseboard For Emergency Clean-up	0.67	
02 90 50 00-0088 LF Detach And Later Reset Baseboard For Emergency Clean-up	1.18	
02 90 50 00-0089 EA Block And Pad Furniture (Per Piece Of Furniture) For Emergency Clean-up	4.33	
02 90 50 00-0090 SF Water Extraction From Floor For Emergency Clean-up	0.45	
02 90 50 00-0091 SF Gray Water Extraction From Floor For Emergency Clean-up	0.73	
02 90 50 00-0092 SF Black Water Extraction From Floor For Emergency Clean-up	1.15	
02 90 50 00-0093 SF Tear Out Wet Non Salvageable Carpet For Emergency Clean-up	0.36	
02 90 50 00-0094 SF Tear Out Wet Non Salvageable Carpet, Black Water For Emergency Clean-up	0.42	
02 90 50 00-0095 SF Tear Out Wet Non Salvageable Glue Down Carpet For Emergency Clean-up	0.64	
02 90 50 00-0096 SF Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Emergency Clean-up	0.94	
02 90 50 00-0097 SF Tear Out Vinyl Flooring For Emergency Clean-up	0.89	
02 90 50 00-0098 SF Tear Out Vinyl Flooring, Black Water For Emergency Clean-up	1.30	
02 90 50 00-0099 SF Tear Out Wood Flooring, Black Water For Emergency Clean-up	3.36	
02 90 50 00-0100 SF Tear Out Laminated Wood Flooring For Emergency Clean-up	1.65	
02 90 50 00-0101 SF Tear Out Laminated Wood Flooring, Black Water For Emergency Clean-up	2.42	
02 90 50 00-0102 SF Tear Out Wet Ceiling Tile For Emergency Clean-up	0.28	
02 90 50 00-0103 SF Tear Out Batt Insulation For Emergency Clean-up	0.28	
02 90 50 00-0104 SF Tear Out Wet Gypsum Board For Emergency Clean-up	0.47	
02 90 50 00-0105 SF Apply Antimicrobial Agent For Emergency Clean-up	0.25	
02 90 50 00-0106 SF High Efficiency Particulate Air (HEPA) Vacuuming For Emergency Clean-up	0.35	
02 90 50 00-0107 Emergency Clean-up Labor (02 90 50)		
Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0108 HR Skilled Tradesman For Emergency Clean Up	60.72	
02 90 50 00-0109 HR Restoration / Document Laborer For Emergency Clean Up	42.50	
02 90 50 00-0110 HR Restoration / Document Supervisor For Emergency Clean Up	58.44	
02 90 50 00-0111 HR Restoration / Document Project Manager For Emergency Clean Up	95.63	
02 90 50 00-0112 HR Assistant Project Manager For Emergency Clean Up	79.70	
02 90 50 00-0113 HR Senior Project Manager For Emergency Clean Up	111.57	
02 90 50 00-0114 HR Project Director / Document Consultant / Account Manager For Emergency Clean Up	159.39	
02 90 50 00-0115 HR Equipment Technician For Emergency Clean Up	116.89	
02 90 50 00-0116 HR Mold Remediation Laborer For Emergency Clean Up	58.19	
02 90 50 00-0117 HR Mold Remediation Supervisor For Emergency Clean Up	79.70	
02 90 50 00-0118 HR Administrative Personnel For Emergency Clean Up	37.19	
02 90 50 00-0119 HR Project Accountant For Emergency Clean Up	60.72	
02 90 50 00-0120 HR Biohazard Technician For Emergency Clean Up	84.38	
02 90 50 00-0121 HR Biohazard Supervisor For Emergency Clean Up	101.45	
02 90 50 00-0122 HR Health And Safety Officer For Emergency Clean Up	91.08	
02 90 50 00-0123 HR Resource And Logistics Coordinator For Emergency Clean Up	65.78	
02 90 50 00-0124 HR Loss Control Specialist For Emergency Clean Up	63.76	
02 90 50 00-0125 HR Moisture Control Specialist For Emergency Clean Up	52.62	
02 90 50 00-0126 HR Mobilization Support For Emergency Clean Up	32.38	
02 90 50 00-0127 Emergency Clean-up Equipment (02 90 50)		
Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0128 General Emergency Clean-up Equipment (02 90 50 00-0127)		
02 90 50 00-0129 DAY 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	173.64	
02 90 50 00-0130 WK 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	662.39	
02 90 50 00-0131 MO 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,813.54	
02 90 50 00-0132 DAY 13" Floor Buffer Rental For Emergency Clean-up	37.79	
02 90 50 00-0133 WK 13" Floor Buffer Rental For Emergency Clean-up	106.14	
02 90 50 00-0134 MO 13" Floor Buffer Rental For Emergency Clean-up	293.00	
02 90 50 00-0135 DAY 17" Floor Buffer Rental For Emergency Clean-up	73.25	
02 90 50 00-0136 WK 17" Floor Buffer Rental For Emergency Clean-up	186.86	
02 90 50 00-0137 MO 17" Floor Buffer Rental For Emergency Clean-up	441.00	
02 90 50 00-0138 DAY Walk Behind Floor Scrubber Rental For Emergency Clean-up	403.62	
02 90 50 00-0139 WK Walk Behind Floor Scrubber Rental For Emergency Clean-up	1,083.80	
02 90 50 00-0140 MO Walk Behind Floor Scrubber Rental For Emergency Clean-up	3,019.70	
02 90 50 00-0141 DAY Ride-On Floor Scrubber Rental For Emergency Clean-up	911.89	
02 90 50 00-0142 WK Ride-On Floor Scrubber Rental For Emergency Clean-up	2,406.79	
02 90 50 00-0143 MO Ride-On Floor Scrubber Rental For Emergency Clean-up	6,487.87	
02 90 50 00-0144 DAY 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	65.78	
02 90 50 00-0145 WK 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	186.86	
02 90 50 00-0146 MO 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	642.81	
02 90 50 00-0147 DAY 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	61.29	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 50 00-0148	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	164.44
02 90 50 00-0149	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	426.05
02 90 50 00-0150	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	98.07
02 90 50 00-0151	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	279.85
02 90 50 00-0152	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	782.13
02 90 50 00-0153	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	615.58
02 90 50 00-0154	WK	Truck Mounted Extractor Rental For Emergency Clean-up	1,846.75
02 90 50 00-0155	MO	Truck Mounted Extractor Rental For Emergency Clean-up	5,540.24
02 90 50 00-0156	DAY	16" Chain Saw Rental For Emergency Clean-up	71.76
02 90 50 00-0157	WK	16" Chain Saw Rental For Emergency Clean-up	161.45
02 90 50 00-0158	MO	16" Chain Saw Rental For Emergency Clean-up	430.53
02 90 50 00-0159	DAY	20" Chain Saw Rental For Emergency Clean-up	89.69
02 90 50 00-0160	WK	20" Chain Saw Rental For Emergency Clean-up	201.81
02 90 50 00-0161	MO	20" Chain Saw Rental For Emergency Clean-up	538.16
02 90 50 00-0162	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	67.27
02 90 50 00-0163	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	95.67
02 90 50 00-0164	WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	261.61
02 90 50 00-0165	MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	732.50
02 90 50 00-0166	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	116.60
02 90 50 00-0167	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	396.15
02 90 50 00-0168	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	754.92
02 90 50 00-0169	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	107.08
02 90 50 00-0170	DAY	Extension Cords - 220 Volt For Emergency Clean-up	37.37
02 90 50 00-0171	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	22.42
02 90 50 00-0172	DAY	Demolition Cart, 7 Yard For Emergency Clean-up	56.69
02 90 50 00-0173	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	112.12
02 90 50 00-0174	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,210.64
02 90 50 00-0175	DAY	Fogger - Mist For Emergency Clean-up	31.49
02 90 50 00-0176	DAY	Fogger - Electric Thermal For Emergency Clean-up	45.35
02 90 50 00-0177	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	121.82
02 90 50 00-0178	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	149.98
02 90 50 00-0179	DAY	Hand Trucks/Dollies For Emergency Clean-up	17.94
02 90 50 00-0180	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	93.27
02 90 50 00-0181	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up	131.98
Note: Includes all filters.			
02 90 50 00-0182	DAY	Ladder For Emergency Clean-up	25.41
02 90 50 00-0183	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	22.68
02 90 50 00-0184	DAY	Lights - Wobble For Emergency Clean-up	27.72
02 90 50 00-0185	DAY	Moisture Meter For Emergency Clean-up	37.79
02 90 50 00-0186	DAY	Nail Gun For Emergency Clean-up	67.27
02 90 50 00-0187	DAY	Ozone Generator For Emergency Clean-up	157.47
02 90 50 00-0188	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	89.69
02 90 50 00-0189	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	125.98
02 90 50 00-0190	DAY	Pressure Washer, Hot For Emergency Clean-up	188.97
02 90 50 00-0191	DAY	Pressure Washer, Cold For Emergency Clean-up	125.98
02 90 50 00-0192	DAY	Scaffolding - Per Section For Emergency Clean-up	97.17
02 90 50 00-0193	DAY	Small Tools - Tool Box For Emergency Clean-up	37.37
02 90 50 00-0194	DAY	Soda Blasting Equipment For Emergency Clean-up	1,201.32
02 90 50 00-0195	DAY	Sprayer - Hudson For Emergency Clean-up	11.96
02 90 50 00-0196	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	101.35
02 90 50 00-0197	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	2.90
02 90 50 00-0198	DAY	Submersible Pump For Emergency Clean-up	31.49
02 90 50 00-0199	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	172.86
02 90 50 00-0200	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	85.81
02 90 50 00-0201	DAY	Vehicle, Van For Emergency Clean-up	139.90
02 90 50 00-0202	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up	169.19
Note: Includes Mileage			
02 90 50 00-0203	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	185.92
02 90 50 00-0204	DAY	Utility Trailer For Emergency Clean-up	154.83
Note: Includes Mileage			
02 90 50 00-0205	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	698.28
02 90 50 00-0206	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	31.49
02 90 50 00-0207	DAY	Vacuum - Shop Vacuum For Emergency Clean-up	31.49
02 90 50 00-0208	DAY	Vacuum - Commercial For Emergency Clean-up	94.48
02 90 50 00-0209	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	107.08
02 90 50 00-0210	DAY	Vacuum - Upright For Emergency Clean-up	20.52
02 90 50 00-0211	DAY	Zip Walls (Per 2 Poles) For Emergency Clean-up	31.49
02 90 50 00-0212	DAY	2 Way Radio For Emergency Clean-up	25.20

02 90 50 00-0213 Technical/Electronics Restoration Equipment (02 90 50 00-0127)

02 90 50 00-0214	DAY	Computer - Diagnostic For Emergency Clean-up	37.37
02 90 50 00-0215	WK	Computer - Diagnostic For Emergency Clean-up	102.77
02 90 50 00-0216	MO	Computer - Diagnostic For Emergency Clean-up	280.29
02 90 50 00-0217	DAY	Convection Oven - Large For Emergency Clean-up	542.83
02 90 50 00-0218	WK	Convection Oven - Large For Emergency Clean-up	1,492.79
02 90 50 00-0219	MO	Convection Oven - Large For Emergency Clean-up	4,071.24
02 90 50 00-0220	DAY	Convection Oven - Small For Emergency Clean-up	134.54
02 90 50 00-0221	WK	Convection Oven - Small For Emergency Clean-up	369.99
02 90 50 00-0222	MO	Convection Oven - Small For Emergency Clean-up	1,009.06
02 90 50 00-0223	DAY	Convection Oven - Vacuum For Emergency Clean-up	774.76



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Emergency Clean-up		02 90 50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0224 WK Convection Oven - Vacuum For Emergency Clean-up	2,130.60	
02 90 50 00-0225 MO Convection Oven - Vacuum For Emergency Clean-up	5,810.72	
02 90 50 00-0226 DAY Decontamination Booth For Emergency Clean-up	640.45	
02 90 50 00-0227 WK Decontamination Booth For Emergency Clean-up	1,761.25	
02 90 50 00-0228 MO Decontamination Booth For Emergency Clean-up	4,803.40	
02 90 50 00-0229 DAY DI Water System For Emergency Clean-up	49.74	
02 90 50 00-0230 WK DI Water System For Emergency Clean-up	136.80	
02 90 50 00-0231 MO DI Water System For Emergency Clean-up	373.08	
02 90 50 00-0232 DAY ESD Bench Workstation For Emergency Clean-up	30.47	
02 90 50 00-0233 WK ESD Bench Workstation For Emergency Clean-up	83.79	
02 90 50 00-0234 MO ESD Bench Workstation For Emergency Clean-up	228.51	
02 90 50 00-0235 DAY Heater/Enclosure Control System For Emergency Clean-up	22.42	
02 90 50 00-0236 WK Heater/Enclosure Control System For Emergency Clean-up	61.66	
02 90 50 00-0237 MO Heater/Enclosure Control System For Emergency Clean-up	168.18	
02 90 50 00-0238 DAY Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	78.35	
02 90 50 00-0239 WK Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	215.45	
02 90 50 00-0240 MO Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	587.60	
02 90 50 00-0241 DAY Micro-Blaster/Dust Collector For Emergency Clean-up	336.35	
02 90 50 00-0242 WK Micro-Blaster/Dust Collector For Emergency Clean-up	924.97	
02 90 50 00-0243 MO Micro-Blaster/Dust Collector For Emergency Clean-up	2,522.64	
02 90 50 00-0244 DAY Mobile Laboratory For Emergency Clean-up	934.31	
02 90 50 00-0245 WK Mobile Laboratory For Emergency Clean-up	2,569.36	
02 90 50 00-0246 MO Mobile Laboratory For Emergency Clean-up	7,007.34	
02 90 50 00-0247 DAY Nitrogen Enclosure Cabinet For Emergency Clean-up	17.94	
02 90 50 00-0248 WK Nitrogen Enclosure Cabinet For Emergency Clean-up	49.33	
02 90 50 00-0249 MO Nitrogen Enclosure Cabinet For Emergency Clean-up	134.54	
02 90 50 00-0250 DAY Odell Cleaning Station For Emergency Clean-up	523.22	
02 90 50 00-0251 WK Odell Cleaning Station For Emergency Clean-up	1,438.84	
02 90 50 00-0252 MO Odell Cleaning Station For Emergency Clean-up	3,924.11	
02 90 50 00-0253 DAY Parts Washer For Emergency Clean-up	37.37	
02 90 50 00-0254 WK Parts Washer For Emergency Clean-up	102.77	
02 90 50 00-0255 MO Parts Washer For Emergency Clean-up	280.29	
02 90 50 00-0256 DAY Ultrasonic Cleaning System For Emergency Clean-up	233.18	
02 90 50 00-0257 WK Ultrasonic Cleaning System For Emergency Clean-up	641.23	
02 90 50 00-0258 MO Ultrasonic Cleaning System For Emergency Clean-up	1,748.81	
02 90 50 00-0259 DAY Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	99.84	
02 90 50 00-0260 WK Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	274.57	
02 90 50 00-0261 MO Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	748.83	
02 90 50 00-0262 Drying/Dehumidification Equipment (02 90 50 00-0127)		
02 90 50 00-0263 DAY 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	157.47	
Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 50 00-0264 WK 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	433.05	
Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 50 00-0265 MO 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	1,181.05	
Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 50 00-0266 DAY 2,200 CFM Centrifugal Air Mover For Emergency Clean-up	36.74	
02 90 50 00-0267 WK 2,200 CFM Centrifugal Air Mover For Emergency Clean-up	101.03	
02 90 50 00-0268 MO 2,200 CFM Centrifugal Air Mover For Emergency Clean-up	275.55	
02 90 50 00-0269 DAY 3,000 CFM Axial Air Mover For Emergency Clean-up	61.23	
02 90 50 00-0270 WK 3,000 CFM Axial Air Mover For Emergency Clean-up	168.39	
02 90 50 00-0271 MO 3,000 CFM Axial Air Mover For Emergency Clean-up	459.24	
02 90 50 00-0272 DAY Injectidry System For Emergency Clean-up	195.27	
02 90 50 00-0273 WK Injectidry System For Emergency Clean-up	536.99	
02 90 50 00-0274 MO Injectidry System For Emergency Clean-up	1,464.51	
02 90 50 00-0275 DAY Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	125.98	
02 90 50 00-0276 WK Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	346.44	
02 90 50 00-0277 MO Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	944.84	
02 90 50 00-0278 DAY >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	186.86	
02 90 50 00-0279 WK >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	513.87	
02 90 50 00-0280 MO >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,401.47	
02 90 50 00-0281 DAY >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	173.97	
02 90 50 00-0282 WK >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	478.42	
02 90 50 00-0283 MO >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,304.78	
02 90 50 00-0284 DAY Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	185.97	
02 90 50 00-0285 WK Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	511.41	
02 90 50 00-0286 MO Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,394.77	
02 90 50 00-0287 DAY Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	185.97	
02 90 50 00-0288 WK Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	511.41	
02 90 50 00-0289 MO Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,394.77	
02 90 50 00-0290 DAY D-500 Desiccant Dehumidifier For Emergency Clean-up	209.96	
02 90 50 00-0291 WK D-500 Desiccant Dehumidifier For Emergency Clean-up	577.40	
02 90 50 00-0292 MO D-500 Desiccant Dehumidifier For Emergency Clean-up	1,574.74	
02 90 50 00-0293 DAY D-750 Desiccant Dehumidifier For Emergency Clean-up	440.93	
02 90 50 00-0294 WK D-750 Desiccant Dehumidifier For Emergency Clean-up	1,212.55	
02 90 50 00-0295 MO D-750 Desiccant Dehumidifier For Emergency Clean-up	3,306.95	
02 90 50 00-0296 DAY D-1000 Desiccant Dehumidifier For Emergency Clean-up	755.87	
02 90 50 00-0297 WK D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,078.65	
02 90 50 00-0298 MO D-1000 Desiccant Dehumidifier For Emergency Clean-up	5,669.06	
02 90 50 00-0299 DAY D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,163.81	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Emergency Clean-up**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0300 WK D-1500 Desiccant Dehumidifier For Emergency Clean-up.....	3,200.47	
02 90 50 00-0301 MO D-1500 Desiccant Dehumidifier For Emergency Clean-up.....	8,728.54	
02 90 50 00-0302 DAY D-2000 Desiccant Dehumidifier For Emergency Clean-up.....	1,163.81	
02 90 50 00-0303 WK D-2000 Desiccant Dehumidifier For Emergency Clean-up.....	3,200.47	
02 90 50 00-0304 MO D-2000 Desiccant Dehumidifier For Emergency Clean-up.....	8,728.54	
02 90 50 00-0305 DAY D-2250 Desiccant Dehumidifier For Emergency Clean-up.....	1,215.40	
02 90 50 00-0306 WK D-2250 Desiccant Dehumidifier For Emergency Clean-up.....	3,342.34	
02 90 50 00-0307 MO D-2250 Desiccant Dehumidifier For Emergency Clean-up.....	9,115.48	
02 90 50 00-0308 DAY D-3000 Desiccant Dehumidifier For Emergency Clean-up.....	1,511.75	
02 90 50 00-0309 WK D-3000 Desiccant Dehumidifier For Emergency Clean-up.....	4,157.31	
02 90 50 00-0310 MO D-3000 Desiccant Dehumidifier For Emergency Clean-up.....	11,338.11	
02 90 50 00-0311 DAY D-4500 Desiccant Dehumidifier For Emergency Clean-up.....	1,700.72	
02 90 50 00-0312 WK D-4500 Desiccant Dehumidifier For Emergency Clean-up.....	4,676.97	
02 90 50 00-0313 MO D-4500 Desiccant Dehumidifier For Emergency Clean-up.....	12,755.37	
02 90 50 00-0314 DAY D-5000 Desiccant Dehumidifier For Emergency Clean-up.....	1,826.70	
02 90 50 00-0315 WK D-5000 Desiccant Dehumidifier For Emergency Clean-up.....	5,023.41	
02 90 50 00-0316 MO D-5000 Desiccant Dehumidifier For Emergency Clean-up.....	13,700.22	
02 90 50 00-0317 DAY D-9000 Desiccant Dehumidifier For Emergency Clean-up.....	2,399.60	
02 90 50 00-0318 WK D-9000 Desiccant Dehumidifier For Emergency Clean-up.....	6,598.90	
02 90 50 00-0319 MO D-9000 Desiccant Dehumidifier For Emergency Clean-up.....	17,997.00	
02 90 50 00-0320 DAY D-10500 Desiccant Dehumidifier For Emergency Clean-up.....	2,519.58	
02 90 50 00-0321 WK D-10500 Desiccant Dehumidifier For Emergency Clean-up.....	6,928.84	
02 90 50 00-0322 MO D-10500 Desiccant Dehumidifier For Emergency Clean-up.....	18,896.85	
02 90 50 00-0323 DAY 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	409.43	
02 90 50 00-0324 WK 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,125.94	
02 90 50 00-0325 MO 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,070.74	
02 90 50 00-0326 DAY 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	566.91	
02 90 50 00-0327 WK 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,558.99	
02 90 50 00-0328 MO 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,251.79	
02 90 50 00-0329 DAY 10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	755.87	
02 90 50 00-0330 WK 10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,078.65	
02 90 50 00-0331 MO 10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	5,669.06	
02 90 50 00-0332 DAY 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,007.83	
02 90 50 00-0333 WK 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,771.54	
02 90 50 00-0334 MO 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	7,558.74	
02 90 50 00-0335 DAY 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,700.72	
02 90 50 00-0336 WK 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,676.97	
02 90 50 00-0337 MO 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	12,755.37	
02 90 50 00-0338 DAY 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,889.68	
02 90 50 00-0339 WK 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	5,196.63	
02 90 50 00-0340 MO 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	14,172.64	
02 90 50 00-0341 DAY 25' Flex Duct For Emergency Clean-up.....	25.20	
02 90 50 00-0342 WK 25' Flex Duct For Emergency Clean-up.....	69.29	
02 90 50 00-0343 MO 25' Flex Duct For Emergency Clean-up.....	188.97	
02 90 50 00-0344 DAY Hygrothermograph For Emergency Clean-up.....	37.37	
02 90 50 00-0345 WK Hygrothermograph For Emergency Clean-up.....	102.77	
02 90 50 00-0346 MO Hygrothermograph For Emergency Clean-up.....	280.29	
02 90 50 00-0347 DAY Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	5,921.80	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 50 00-0348 WK Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	16,284.96	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 50 00-0349 MO Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	44,413.52	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 50 00-0350 Power Equipment (02 90 50 00-0127)		
02 90 50 00-0351 WK Up to 65 KVA Generator For Emergency Clean-up.....	779.87	
02 90 50 00-0352 WK >65 to 125 KVA Generator For Emergency Clean-up.....	1,319.78	
02 90 50 00-0353 WK >125 to 250 KVA Generator For Emergency Clean-up.....	1,285.88	
02 90 50 00-0354 WK >250 to 375 KVA Generator For Emergency Clean-up.....	2,219.63	
02 90 50 00-0355 WK >375 Up to 440 KVA Generator For Emergency Clean-up.....	2,999.50	
02 90 50 00-0356 WK >440 to 625 KVA Generator For Emergency Clean-up.....	4,511.85	
02 90 50 00-0357 WK >625 to 800 KVA Generator For Emergency Clean-up.....	4,619.23	
02 90 50 00-0358 WK >800 to 1,000 KVA Generator For Emergency Clean-up.....	6,178.97	
02 90 50 00-0359 WK >1,000 to 1,500 KVA Generator For Emergency Clean-up.....	9,298.45	
02 90 50 00-0360 EA Generator Cable/Pigtails (Per Section) For Emergency Clean-up.....	20.16	
02 90 50 00-0361 EA Sub-Distribution Panel (Spider Box) For Emergency Clean-up.....	96.58	
02 90 50 00-0362 EA Electrical Distribution Panel For Emergency Clean-up.....	233.18	
02 90 50 00-0363 EA Quad Box Strings (25' Sections) For Emergency Clean-up.....	36.29	
02 90 50 00-0364 EA 50' Power Cord For Spider Box For Emergency Clean-up.....	33.59	
02 90 50 00-0365 EA Pig Tails (Per Each) For Emergency Clean-up.....	3.74	
02 90 50 00-0366 Freight Charges (02 90 50 00-0127)		
02 90 50 00-0367 MI Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	1.87	
02 90 50 00-0368 MI Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	3.36	
02 90 50 00-0369 MI Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment.....	3.36	
02 90 50 00-0370 MI Freight Tractor Trailer For Emergency Clean-up Equipment.....	4.86	



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Emergency Clean-up		02 90 50

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0371 Emergency Clean-up Personal Protection Equipment (02 90 50)		
Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0372 EA Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	10.43	
02 90 50 00-0373 EA Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	36.43	
02 90 50 00-0374 BOX Dust Mask For Emergency Clean-up Personal Protection Equipment	40.61	
02 90 50 00-0375 PR Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	2.80	
02 90 50 00-0376 BOX 5 Mil, Disposable Latex Gloves For Emergency Clean-up Personal Protection Equipment, Box of 100	18.90	
02 90 50 00-0377 PR Leather Gloves For Emergency Clean-up Personal Protection Equipment	9.45	
02 90 50 00-0378 EA Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	16.14	
02 90 50 00-0379 PR Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	11.06	
02 90 50 00-0380 EA Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	80.47	
02 90 50 00-0381 PR Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	4.84	
02 90 50 00-0382 EA Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	6.30	
02 90 50 00-0383 Emergency Clean-up Expendables (02 90 50)		
Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0384 General Materials (02 90 50 00-0383)		
02 90 50 00-0385 GAL Adhesive Remover For Emergency Clean-up	94.48	
02 90 50 00-0386 GAL Bio-HS For Emergency Clean-up	31.86	
02 90 50 00-0387 GAL Biocide For Emergency Clean-up	40.65	
02 90 50 00-0388 EA 10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	4.98	
02 90 50 00-0389 EA 10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	7.56	
02 90 50 00-0390 GAL Bleach For Emergency Clean-up	10.16	
02 90 50 00-0391 EA Small Stainless Brush For Emergency Clean-up	6.22	
02 90 50 00-0392 EA 2-1/2 Gallon Buckets For Emergency Clean-up	7.89	
02 90 50 00-0393 EA 5 Gallon Bucket For Emergency Clean-up	11.96	
02 90 50 00-0394 GAL Carpet Defoamer For Emergency Clean-up	30.76	
02 90 50 00-0395 GAL Carpet Pre-treat For Emergency Clean-up	23.01	
02 90 50 00-0396 GAL Carpet Spotter For Emergency Clean-up	38.55	
02 90 50 00-0397 GAL Carpet/Upholstery Cleaner For Emergency Clean-up	31.09	
02 90 50 00-0398 ROL Carpet Masking/Shield For Emergency Clean-up	86.24	
02 90 50 00-0399 EA Chemical Sponge For Emergency Clean-up	3.72	
02 90 50 00-0400 GAL Clear Seal For Emergency Clean-up	127.03	
02 90 50 00-0401 GAL Coil Cleaner For Emergency Clean-up	59.38	
02 90 50 00-0402 EA Comfort Masks, Per Box 50 For Emergency Clean-up Personal Protection Equipment	43.64	
02 90 50 00-0403 EA Hooded Coverall With Elastic Wrists/Ankles For Emergency Clean-up Personal Protection Equipment	19.30	
02 90 50 00-0404 EA Decontamination Chamber For Emergency Clean-up	258.26	
02 90 50 00-0405 GAL All Purpose Degreaser For Emergency Clean-up	41.57	
02 90 50 00-0406 GAL De-Foamer Liquid For Emergency Clean-up	54.64	
02 90 50 00-0407 EA Deodorization Membrane For Emergency Clean-up	107.12	
02 90 50 00-0408 GAL 9-D-9 Smoke Deodorizer For Emergency Clean-up	163.33	
02 90 50 00-0409 LB Deodorizing Gel For Emergency Clean-up	38.37	
02 90 50 00-0410 GAL Deodorizing Liquid For Emergency Clean-up	56.81	
02 90 50 00-0411 PAIL Deodorizing Block For Emergency Clean-up	9.65	
02 90 50 00-0412 GAL Disinfectant/Antimicrobial For Emergency Clean-up	99.56	
02 90 50 00-0413 GAL BruClean Disinfectant For Emergency Clean-up	30.24	
02 90 50 00-0414 GAL DryClean For Emergency Clean-up	44.64	
02 90 50 00-0415 GAL Duct Sealant Spray For Emergency Clean-up	67.27	
02 90 50 00-0416 GAL Antifungal Duct Sealant For Emergency Clean-up	97.17	
02 90 50 00-0417 GAL Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	147.29	
02 90 50 00-0418 PR Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.60	
02 90 50 00-0419 GAL Encapsulant For Emergency Clean-up	101.98	
02 90 50 00-0420 GAL Aftershock Fiberlocke For Emergency Clean-up	89.54	
02 90 50 00-0421 GAL IAQ 2500 Fiberlocke For Emergency Clean-up	115.38	
02 90 50 00-0422 GAL IAS 6000 Fiberlocke For Emergency Clean-up	118.67	
02 90 50 00-0423 ROL Filter Material For Emergency Clean-up	231.62	
02 90 50 00-0424 EA Blue Paper Collection Bag Filter For Emergency Clean-up	6.24	
02 90 50 00-0425 EA CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	495.40	
02 90 50 00-0426 EA Pre-Filter For Negative Air Machine For Emergency Clean-up	2.38	
02 90 50 00-0427 EA Pleated Filter For Negative Air Machine For Emergency Clean-up	10.58	
02 90 50 00-0428 EA Charcoal Filter For Negative Air Machine For Emergency Clean-up	37.67	
02 90 50 00-0429 EA High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	358.31	
02 90 50 00-0430 EA Pleated Dehumidifier Filter For Emergency Clean-up	9.45	
02 90 50 00-0431 GAL Floor Stripper For Emergency Clean-up	20.93	
02 90 50 00-0432 GAL Floor Wax For Emergency Clean-up	29.90	
02 90 50 00-0433 GAL Fogger (Thermal) For Emergency Clean-up	173.23	
02 90 50 00-0434 BOX Furniture Blocks For Emergency Clean-up	139.52	
02 90 50 00-0435 EA Furniture Polish, Per 10 Oz Can For Emergency Clean-up	18.80	
02 90 50 00-0436 GAL Glass Cleaner For Emergency Clean-up	12.54	
02 90 50 00-0437 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	18.24	
02 90 50 00-0438 EA Goof Off Spray, 12 Oz For Emergency Clean-up	15.00	
02 90 50 00-0439 EA Halogen Light Bulbs For Emergency Clean-up	21.35	
02 90 50 00-0440 QT Hand Sanitizer For Emergency Clean-up	10.55	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 50 00-0441	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment.....	8.69
02 90 50 00-0442	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up.....	18.27
02 90 50 00-0443	GAL	HVAC Coal Cleaner For Emergency Clean-up.....	59.38
02 90 50 00-0444	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up.....	128.53
02 90 50 00-0445	EA	Utility Knives For Emergency Clean-up.....	16.44
02 90 50 00-0446	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	110.26
02 90 50 00-0447	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	116.40
02 90 50 00-0448	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	231.77
02 90 50 00-0449	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	335.00
02 90 50 00-0450	GAL	Lemon Oil For Emergency Clean-up.....	50.39
02 90 50 00-0451	GAL	LPS 1/Mecca Lube For Emergency Clean-up.....	54.32
02 90 50 00-0452	GAL	LPS 2 For Emergency Clean-up.....	57.49
02 90 50 00-0453	GAL	LPS Contact Cleaner For Emergency Clean-up.....	57.22
02 90 50 00-0454	GAL	Light Lubricant Preserve For Emergency Clean-up.....	134.17
02 90 50 00-0455	GAL	Heavy Lubricant Preserver For Emergency Clean-up.....	29.90
02 90 50 00-0456	GAL	Machinery Cleaning Solvent For Emergency Clean-up.....	241.26
02 90 50 00-0457	GAL	Metal Polishing Paste For Emergency Clean-up.....	24.84
02 90 50 00-0458	GAL	MediClean® Disinfectant For Emergency Clean-up.....	60.42
02 90 50 00-0459	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up.....	74.16
02 90 50 00-0460	EA	Mop Heads For Emergency Clean-up.....	8.95
02 90 50 00-0461	EA	Nylon Scouring Pads For Emergency Clean-up.....	1.64
02 90 50 00-0462	GAL	Odor Neutralizer For Emergency Clean-up.....	38.55
02 90 50 00-0463	EA	Packing Paper, 25 LB Bundle For Emergency Clean-up.....	66.84
02 90 50 00-0464	EA	Paint Brushes For Emergency Clean-up.....	7.47
02 90 50 00-0465	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up.....	155.88
02 90 50 00-0466	EA	Putty Knives For Emergency Clean-up.....	6.77
02 90 50 00-0467	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up.....	34.01
02 90 50 00-0468	GAL	Reodorant For Emergency Clean-up.....	127.07
02 90 50 00-0469	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment.....	4.35
02 90 50 00-0470	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment.....	6.76
02 90 50 00-0471	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	45.33
02 90 50 00-0472	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	45.33
02 90 50 00-0473	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment.....	36.27
02 90 50 00-0474	GAL	Restoracide For Emergency Clean-up.....	59.60
02 90 50 00-0475	GAL	Rust Remover For Emergency Clean-up.....	88.19
02 90 50 00-0476	EA	Saltesmo Test Samples For Emergency Clean-up.....	8.19
02 90 50 00-0477	EA	Sand Bag For Emergency Clean-up..... Note: Excludes sand material	2.15
02 90 50 00-0478	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up.....	26.77
02 90 50 00-0479	EA	Small Scrub Brushes For Emergency Clean-up.....	14.30
02 90 50 00-0480	GAL	Clear Soot Sealant For Emergency Clean-up.....	102.27
02 90 50 00-0481	GAL	Pigmented Soot Sealant For Emergency Clean-up.....	275.81
02 90 50 00-0482	ROL	Shrinkwrap Plastic For Emergency Clean-up.....	63.49
02 90 50 00-0483	EA	Dry Sponges For Emergency Clean-up.....	4.97
02 90 50 00-0484	EA	Spray Adhesive, Per Can For Emergency Clean-up.....	6.62
02 90 50 00-0485	EA	Spray Bot/Trigger For Emergency Clean-up.....	5.77
02 90 50 00-0486	GAL	Stain Remover For Emergency Clean-up.....	34.82
02 90 50 00-0487	GAL	Stainless Steel Cleaner For Emergency Clean-up.....	12.48
02 90 50 00-0488	EA	Stainless Steel Polish, Per Can For Emergency Clean-up.....	16.38
02 90 50 00-0489	LB	Sweeping Compound For Emergency Clean-up.....	0.55
02 90 50 00-0490	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up.....	12.96
02 90 50 00-0491	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up.....	12.19
02 90 50 00-0492	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up.....	32.89
02 90 50 00-0493	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up.....	17.35
02 90 50 00-0494	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up.....	5.35
02 90 50 00-0495	LB	Terry Towels For Emergency Clean-up.....	7.70
02 90 50 00-0496	GAL	Thermal Fog For Emergency Clean-up.....	78.35
02 90 50 00-0497	ROL	Lawn And Leaf Trash Bags For Emergency Clean-up.....	40.31
02 90 50 00-0498	ROL	6 Mil Heavy Duty Trash Bags (50 Count) For Emergency Clean-up.....	160.77
02 90 50 00-0499	EA	Trisodium Phosphate, 20 LB Pail For Emergency Clean-up.....	54.55
02 90 50 00-0500	EA	Backpack Vacuum Bags For Emergency Clean-up.....	1.84
02 90 50 00-0501	EA	Upright Vacuum Bags For Emergency Clean-up.....	2.45
02 90 50 00-0502	GAL	Vinyl And Leather Cleaner For Emergency Clean-up.....	31.09
02 90 50 00-0503	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up.....	52.23
02 90 50 00-0504	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up.....	141.82
02 90 50 00-0505	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up.....	193.50
02 90 50 00-0506	LB	Wipes, Cotton Cloth For Emergency Clean-up.....	5.48
02 90 50 00-0507	ROL	12" x 750', Wrap, Bubble/Anti-Static For Emergency Clean-up.....	159.27
02 90 50 00-0508	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up.....	15.54
02 90 50 00-0509	EA	Zip Wall Zippers For Emergency Clean-up.....	24.18

02 90 50 00-0510 Technical/Electronics Restoration Materials (02 90 50 00-0383)

02 90 50 00-0511	EA	Brush - Brass For Emergency Clean-up.....	5.61
02 90 50 00-0512	EA	1" Brush, Natural Bristle For Emergency Clean-up.....	1.79
02 90 50 00-0513	EA	1/2" Brush, Natural Bristle For Emergency Clean-up.....	1.49
02 90 50 00-0514	EA	1/4" Brush, Natural Bristle For Emergency Clean-up.....	1.27
02 90 50 00-0515	EA	Brush - Parts For Emergency Clean-up.....	7.77
02 90 50 00-0516	EA	Brush - Plastic For Emergency Clean-up.....	4.04
02 90 50 00-0517	EA	Brush - Wire Grout For Emergency Clean-up.....	8.71
02 90 50 00-0518	EA	Brushing Tool For Emergency Clean-up.....	16.79



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Emergency Clean-up		02 90 50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0519 EA Cleaning Swabs, Cotton For Emergency Clean-up.....	0.37	
02 90 50 00-0520 EA Cleaning Swabs, Foam Tip For Emergency Clean-up.....	0.45	
02 90 50 00-0521 EA Contact Restorer, Per Can For Emergency Clean-up.....	36.25	
02 90 50 00-0522 EA Contact Spray, Per Can For Emergency Clean-up.....	24.67	
02 90 50 00-0523 UNT Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up.....	3.59	
02 90 50 00-0524 UNT Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up.....	8.22	
02 90 50 00-0525 UNT Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up.....	14.20	
02 90 50 00-0526 LB Cotton Cleaning Cloths For Emergency Clean-up.....	22.42	
02 90 50 00-0527 EA 12" x 17" Dust Cloths For Emergency Clean-up.....	0.33	
02 90 50 00-0528 EA 24" x 24" Dust Cloths For Emergency Clean-up.....	0.92	
02 90 50 00-0529 EA Deoxidizing Agent, Per Can For Emergency Clean-up.....	17.57	
02 90 50 00-0530 GAL Electronic Grade Detergent For Emergency Clean-up.....	37.31	
02 90 50 00-0531 SHT Inventory Labels For Emergency Clean-up.....	0.15	
02 90 50 00-0532 GAL Isopropyl Alcohol For Emergency Clean-up.....	98.87	
02 90 50 00-0533 GAL Lubrication/Penetrating Oil, Per Can For Emergency Clean-up.....	144.16	
02 90 50 00-0534 GAL PC Board Detergent For Emergency Clean-up.....	102.40	
02 90 50 00-0535 GAL Rust Inhibitor, Regular Duty For Emergency Clean-up.....	166.29	
02 90 50 00-0536 GAL Rust Inhibitor, Moderate Duty For Emergency Clean-up.....	167.54	
02 90 50 00-0537 GAL Rust Inhibitor, Severe Duty For Emergency Clean-up.....	179.08	
02 90 50 00-0538 LB Wipes, Lint Free Cloths For Emergency Clean-up.....	5.89	
02 90 50 00-0539 EA Wire Marker Card For Emergency Clean-up.....	2.62	
02 90 50 00-0540 EA Steel Wool, 16 Pad Sleeve For Emergency Clean-up.....	1.32	
02 90 50 00-0541 Board Up And Tarp Up (02 90 50)		
02 90 50 00-0542 SF Polyethylene Tarp On Roof For Emergency Clean-up.....	0.23	
02 90 50 00-0543 SF Temporary Plywood On Roof For Emergency Clean-up.....	2.87	
02 90 50 00-0544 SF Temporary Plywood On Wall Or Windows For Emergency Clean-up.....	3.24	
02 90 50 00-0545 Minimum Charges (02 90 50)		
02 90 50 00-0546 EA Minimum For Emergency Cleaning.....	895.92	
02 90 50 00-0547 EA Minimum For Emergency Water Extraction.....	192.76	
02 90 50 00-0548 EA Minimum For Emergency Carpet Cleaning.....	179.39	
02 90 50 00-0549 Document Restoration (02 90 50)		
02 90 50 00-0550 EA Book Rebinding, Each For Document Restoration.....	92.64	
02 90 50 00-0551 EA Book Recasing, Each For Document Restoration.....	46.31	
02 90 50 00-0552 EA Boxes-MCS, 1.2 CF For Document Restoration.....	5.83	
02 90 50 00-0553 EA Boxes-MCS, 2.0 CF For Document Restoration.....	6.43	
02 90 50 00-0554 EA Boxes Bankers For Document Restoration.....	14.80	
02 90 50 00-0555 EA Boxes Standard Packout For Document Restoration.....	3.73	
02 90 50 00-0556 EA Boxes X Ray For Document Restoration.....	9.27	
02 90 50 00-0557 EA CD Scanning and Diagnostics, Each For Document Restoration.....	9.27	
02 90 50 00-0558 EA Cleaning Antique Books, Each For Document Restoration.....	277.90	
02 90 50 00-0559 EA Cleaning Catheter Roll, Per Roll For Document Restoration.....	37.04	
02 90 50 00-0560 EA Cleaning CD And DVD, Per Disc For Document Restoration.....	3.72	
02 90 50 00-0561 EA Cleaning Level 1 - Blue Prints, Each For Document Restoration.....	2.60	
02 90 50 00-0562 CF Cleaning Level 1 - Document Per CF For Document Restoration.....	80.68	
02 90 50 00-0563 EA Cleaning Level 1 - Linen, Each For Document Restoration.....	2.60	
02 90 50 00-0564 EA Cleaning Level 1 - Mylar, Each For Document Restoration.....	2.60	
02 90 50 00-0565 EA Cleaning Level 2 - Blue Print, Each For Document Restoration.....	3.24	
02 90 50 00-0566 CF Cleaning Level 2 - Document Per CF For Document Restoration.....	120.92	
02 90 50 00-0567 EA Cleaning Level 2 - Linen, Each For Document Restoration.....	3.24	
02 90 50 00-0568 EA Cleaning Level 2 - Mylar, Each For Document Restoration.....	3.24	
02 90 50 00-0569 EA Cleaning Level 3 - Blue Prints, Each For Document Restoration.....	4.59	
02 90 50 00-0570 CF Cleaning Level 3 - Document Per CF For Document Restoration.....	161.34	
02 90 50 00-0571 EA Cleaning Level 3 - Linen, Each For Document Restoration.....	4.59	
02 90 50 00-0572 EA Cleaning Level 3 - Mylar, Each For Document Restoration.....	4.59	
02 90 50 00-0573 EA Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration.....	6.43	
02 90 50 00-0574 EA Cleaning Level 4 - All Fire-Linen, Each For Document Restoration.....	6.43	
02 90 50 00-0575 EA Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration.....	6.43	
02 90 50 00-0576 CF Cleaning Level 4 - Light Fire-Documnet Per CF For Document Restoration.....	201.64	
02 90 50 00-0577 EA Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration.....	7.13	
02 90 50 00-0578 CF Cleaning Level 5 - Severe Fire-Documnet Per CF For Document Restoration.....	302.55	
02 90 50 00-0579 EA Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration.....	7.13	
02 90 50 00-0580 EA Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration.....	7.13	
02 90 50 00-0581 EA Cleaning Microfiche Sheets, Each For Document Restoration.....	2.53	
02 90 50 00-0582 EA Cleaning Microfiche Strips, Each For Document Restoration.....	0.59	
02 90 50 00-0583 EA Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration.....	92.64	
02 90 50 00-0584 EA Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration.....	129.70	
02 90 50 00-0585 EA Cleaning Photographs Negatives, Per Negative For Document Restoration.....	2.53	
02 90 50 00-0586 EA Cleaning Photographs, Each For Document Restoration.....	0.59	
02 90 50 00-0587 EA Cleaning Record Albums, Each For Document Restoration.....	3.72	
02 90 50 00-0588 EA Cleaning VHS And Beta Tapes-In House, Each For Document Restoration.....	9.27	
02 90 50 00-0589 EA Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration.....	37.04	
02 90 50 00-0590 EA Cleaning X Ray 1-1000, Per Film For Document Restoration.....	3.46	
02 90 50 00-0591 EA Cleaning X Ray 1K-5K, Per Film For Document Restoration.....	2.95	
02 90 50 00-0592 EA Cleaning X Ray 5K-Up, Per Film For Document Restoration.....	2.32	
02 90 50 00-0593 EA Copying Clean Water, Per Page For Document Restoration.....	0.34	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 50 00-0594	EA	Copying Greywater Fire, Per Page For Document Restoration.....	1.00	
02 90 50 00-0595	CF	Deodorization, Vapor Tech For Document Restoration.....	6.37	
02 90 50 00-0596	CF	Disinfectant-Fogging For Document Restoration	12.99	
02 90 50 00-0597	EA	Document Disposal In House No Shredding For Document Restoration	49.50	
02 90 50 00-0598	EA	Document Disposal In House With Shredding For Document Restoration	13.51	
02 90 50 00-0599	CF	Up To 150 CF, Drying-MCS Center For Document Restoration.....	166.74	
02 90 50 00-0600	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	129.70	
02 90 50 00-0601	CF	>500 CF, Drying-MCS Center For Document Restoration	111.16	
02 90 50 00-0602	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	148.22	
02 90 50 00-0603	CF	Up To 500 CF, Drying-Onsite For Document Restoration	277.90	
02 90 50 00-0604	CF	>500 CF, Drying-Onsite For Document Restoration	170.48	
02 90 50 00-0605	EA	Drying Antique Books, Each For Document Restoration.....	37.04	
02 90 50 00-0606	EA	Drying Blue Prints, Each For Document Restoration	4.63	
02 90 50 00-0607	EA	DVD Scanning And Diagnostics, Each For Document Restoration.....	9.27	
02 90 50 00-0608	EA	Freeze Drying (In House) For Document Restoration	83.99	
02 90 50 00-0609	EA	Freeze Drying (Outside) For Document Restoration	71.99	
02 90 50 00-0610	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	1,979.67	
02 90 50 00-0611	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	18.00	
02 90 50 00-0612	EA	Minimal Drying Jobs For Document Restoration	833.86	
02 90 50 00-0613	EA	Monthly Storage For Document Restoration	155.45	
02 90 50 00-0614	EA	Mylar Prints For Document Restoration	9.27	
02 90 50 00-0615	CF	Ozoning For Document Restoration.....	5.72	
02 90 50 00-0616	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	7.25	
02 90 50 00-0617	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.09	
02 90 50 00-0618	EA	Wood Pallets, Each For Document Restoration.....	20.14	

END OF SECTION 02



	Concrete	03	
	Maintenance of Concrete	03 01	
	Maintenance of Cast-In-Place Concrete	03 01 30	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 Concrete

03 01 Maintenance of Concrete⁽⁰³⁾

03 01 30 Maintenance of Cast-In-Place Concrete^(03 01)

03 01 30 51 Cleaning of Cast-In-Place Concrete^(03 01 30)

03 01 30 51-0001 Abrasive Blasting^(03 01 30 51)

Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot Blasting.....	2.26
		For Up To 100, Add	2.74
		For >100 To 250, Add	0.69
		For >250 To 500, Add	0.34
		For >5,000 To 10,000, Deduct	-0.07
		For >10,000, Deduct	-0.14
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot Blasting.....	3.62
		For Up To 100, Add	5.46
		For >100 To 250, Add	1.37
		For >250 To 500, Add	0.68
		For >5,000 To 10,000, Deduct	-0.14
		For >10,000, Deduct	-0.27

03 01 30 71 Rehabilitation of Cast-In-Place Concrete^(03 01 30)

03 01 30 71-0001 Concrete Resurfacing/Repair^(03 01 30 71)

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Repair^(03 01 30 71-0001)

03 01 30 71-0003 Decks Or Floors^(03 01 30 71-0002)

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar.....	5.72
03 01 30 71-0005	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	18.47
03 01 30 71-0006	SF	Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate)	0.52

03 01 30 71-0007 Verticals Or Overheads^(03 01 30 71-0002)

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar.....	8.54
03 01 30 71-0009	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	25.01
03 01 30 71-0010	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	28.24
03 01 30 71-0011	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	6.72
03 01 30 71-0012	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound.....	11.74

Note: Rapid Set - WunderFixx

03 01 30 71-0013 Soffit Repair^(03 01 30 71-0002)

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0014	LF	Up To 16" Wide Concrete Soffit Repair.....	17.62
03 01 30 71-0015	LF	>16" To 20" Wide Concrete Soffit Repair.....	18.44
03 01 30 71-0016	LF	>20" To 24" Wide Concrete Soffit Repair.....	20.18
03 01 30 71-0017	LF	>24" To 30" Wide Concrete Soffit Repair.....	22.01
03 01 30 71-0018	LF	>30" To 36" Wide Concrete Soffit Repair.....	23.41

03 01 30 71-0019 Edge Repair^(03 01 30 71-0002)

Note: Includes mesh. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0020	LF	2" Spall Concrete Edge Repair	18.05
03 01 30 71-0021	LF	3" Spall Concrete Edge Repair	18.92
03 01 30 71-0022	LF	4" Spall Concrete Edge Repair	19.49
03 01 30 71-0023	LF	6" Spall Concrete Edge Repair	20.14
03 01 30 71-0024	LF	8" Spall Concrete Edge Repair	21.25
03 01 30 71-0025	LF	9" Spall Concrete Edge Repair	23.85
03 01 30 71-0026	CF	Patch Edge, Portland Cement Based Repair Material	120.43
03 01 30 71-0027	CF	Patch Edge, Rapid Setting Concrete Repair Material	161.88
03 01 30 71-0028	CF	Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate	169.71
03 01 30 71-0029	CF	Patch Edge, SSI Flex Patch (Other Than Specified).....	330.23

03 01 30 71-0030 Concrete Materials^(03 01 30 71-0002)

Note: Excludes saw cutting, sand blasting and forming.

03 01 30 71-0031	SF	Sika Ferroguard® 903.....	1.44
03 01 30 71-0032	SF	Sika-Guard 701W	1.65
03 01 30 71-0033	SF	Sika 550W Pearl Ash	0.93
03 01 30 71-0034	SF	Sika Top 144 Gray	2.40

03 01 30 71-0035 Bridge Deck Treatment^(03 01 30 71-0002)

03 01 30 71-0036	SF	Sweep Bridge Deck	0.02
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03 Concrete**03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0037	SF	Clean Bridge Deck	0.02	
03 01 30 71-0038	SF	Treat Bridge Deck With Methacrylate Resin Sealant	1.59	
03 01 30 71-0039		Concrete Finishes (03 01 30 71-0001)		
03 01 30 71-0040		Concrete Patching (03 01 30 71-0039)		
03 01 30 71-0041		Walls (03 01 30 71-0040)		
03 01 30 71-0042	BAG	Sika Top 111 Plus.....	120.81	
		Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).		
		For Up To 10, Add	40.69	
		For >10 To 25, Add	24.41	
		For >25 To 50, Add	16.28	
		For >50 To 75, Add	8.14	
03 01 30 71-0043	BAG	Sika Grout 212, 50 LB Bag	84.42	
		Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.		
		For Up To 10, Add	25.78	
		For >10 To 25, Add	15.47	
		For >25 To 50, Add	10.31	
		For >50 To 75, Add	5.16	
03 01 30 71-0044	EA	Sika Flex 1A, 10.3 Ounce Tube	31.88	
		Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.		
03 01 30 71-0045	BAG	Pea Gravel	22.82	
03 01 30 71-0046	BAG	Sika Top 123, 44 LB Bag	121.18	
03 01 30 71-0047	BAG	Sika Top 121 Plus Kit.....	118.11	
		Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.		
03 01 30 71-0048	BAG	Sika Top 122 Plus Kit.....	129.87	
		Note: SikaTop 122 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, trowel-grade mortar. Yield: 0.51 cu. ft./ unit mortar; 0.75 cu. ft./unit concrete; (SikaTop 122 + 42 lbs. 3/8" pea gravel).		
03 01 30 71-0049	BAG	Sika Top 123 Plus Kit.....	127.75	
		Note: SikaTop 123 PLUS is a two-component, polymer-modified, portland cement, fast-setting, non-sag mortar. Yield: 0.39 cu. ft./unit.		
03 01 30 71-0050		Crack Repair For Concrete (03 01 30 71-0001)		
03 01 30 71-0051		Non Structural Crack Repair For Concrete (03 01 30 71-0050)		
03 01 30 71-0052		Surface Applied, Non Structural Crack Repair For Concrete (03 01 30 71-0051)		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0053	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	5.87	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0054	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	7.64	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0055	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	5.96	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0056	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	7.82	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0057	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	6.28	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0058	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	8.46	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0059	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	6.52	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0060	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	8.93	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0061		Pressure Injected, Non Structural Crack Repair For Concrete (03 01 30 71-0051)		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0062	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570).....	24.34	
		For Cracks Accessible From Both Sides, Add	4.94	
03 01 30 71-0063		Structural Crack Repair For Concrete (03 01 30 71-0050)		



		Concrete	03	CS
		Maintenance of Concrete	03 01	
		Maintenance of Cast-In-Place Concrete	03 01 30	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
03 01 30 71-0064 Surface Applied, Structural Crack Repair For Concrete (03 01 30 71-0063)				
Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.				
03 01 30 71-0065	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	6.58	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0066	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	9.05	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0067	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	6.45	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0068	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	8.79	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0069	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	7.50	
		For V-Grooving Crack With Grinder, Add	4.73	
03 01 30 71-0070	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	10.91	
		For V-Grooving Crack With Grinder, Add	4.61	
03 01 30 71-0071 Pressure Injected, Structural Crack Repair For Concrete (03 01 30 71-0063)				
Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.				
03 01 30 71-0072	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	21.82	
		For Cracks Accessible From Both Sides, Add	4.94	
03 01 30 71-0073	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	21.68	
		For Cracks Accessible From Both Sides, Add	4.94	
03 01 30 71-0074 Carbon Fiber Strengthening System (03 01 30 71-0001)				
Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.				
03 01 30 71-0075	SF	Carbon Fiber Strengthening System Beams, Per Layer	62.72	
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0076	SF	Carbon Fiber Strengthening System Columns, Per Layer	55.22	
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0077	SF	Carbon Fiber Strengthening System Slabs, Per Layer	48.67	
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
03 01 30 71-0078 Concrete Rehabilitation (03 01 30 71)				
03 01 30 71-0079 Corrosive Inhibitor (03 01 30 71-0078)				
03 01 30 71-0080	SF	Corrosive Inhibitor	3.83	
03 01 30 71-0081 Remove Cracked Or Damaged Concrete Surfacing Material (03 01 30 71)				
03 01 30 71-0082	SF	Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces	16.24	
		Note: Excludes patching materials		
03 01 30 71-0083	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces	21.52	
		Note: Excludes patching materials.		
03 01 30 71-0084	SF	Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces	26.80	
		Note: Excludes patching materials.		
03 01 30 71-0085	SF	Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces	35.73	
		Note: Excludes patching materials.		
03 01 30 71-0086	SF	Removal Of Concrete <3/4" Deep On Overhead Surfaces	32.48	
		Note: Excludes patching materials		
03 01 30 71-0087	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces	43.04	
		Note: Excludes patching materials.		
03 01 30 71-0088	SF	Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces	53.59	
		Note: Excludes patching materials.		
03 01 30 71-0089	SF	Removal Of Concrete >3" To 4" Deep On Overhead Surfaces	71.46	
		Note: Excludes patching materials.		
03 01 30 72 Strengthening Of Cast-in-Place Concrete (03 01 30)				
03 01 30 72-0001 Concrete Surface Repairs (03 01 30 72)				
03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.32	

03 05 Common Work Results For Concrete (03)

03 05 13 Concrete Admixtures (03 05)

03 05 13 00-0001 Concrete Admixtures (03 05 13)

03 Concrete**03 05 Common Work Results For Concrete****03 05 13 Concrete Admixtures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture.....	4.29	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture.....	2.97	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture.....	4.62	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture.....	9.24	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture.....	8.25	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture.....	16.50	
03 05 13 00-0008	CY	Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture.....	3.57	
03 05 13 00-0009	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture.....	4.95	
03 05 13 00-0010	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture.....	9.90	
03 05 13 00-0011	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture.....	5.17	
03 05 13 00-0012	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture.....	7.92	
03 05 13 00-0013	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture.....	10.56	
03 05 13 00-0014	CY	25 LB/CY Steel Fibers, Concrete Admixture.....	25.15	
03 05 13 00-0015	CY	10% Microsilica (Silica Fume), Concrete Admixture.....	52.82	
03 05 13 00-0016	CY	Corrosion Inhibiting Concrete Admixture.....	19.81	
03 05 13 00-0017	CY	Winter Service Or Heat, Concrete Add.....	4.62	
03 05 13 00-0018	CY	Chilled Water, Concrete Add.....	4.62	
03 05 13 00-0019	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture.....	26.74	
03 05 13 00-0020	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture.....	44.56	
03 05 13 00-0021	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture.....	85.56	
03 05 13 00-0022	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture.....	118.84	

03 10 Concrete Forming and Accessories ⁽⁰³⁾**03 11 Concrete Forming** ^(03 10)**03 11 13 Structural Cast-In-Place Concrete Forming** ^(03 11)

Note: Per square foot of formwork.

03 11 13 00-0001		Wood Formwork ^(03 11 13) Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0002		Foundation Wood Formwork ^(03 11 13 00-0001) Note: For foundation work below or at grade.		
03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork.....	8.11	
		For <1,000, Add	1.41	
		For Foundations >8' Below Grade, Add	1.31	
		For Curved Formwork, Add	2.61	
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork.....	9.48	
		For <1,000, Add	1.68	
		For Foundations >8' Below Grade, Add	1.56	
		For Curved Formwork, Add	3.13	
03 11 13 00-0005	SF	Mat Foundation Wood Formwork.....	10.78	
		For <1,000, Add	1.94	
		For Foundations >8' Below Grade, Add	1.83	
		For Curved Formwork, Add	3.67	
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork.....	9.15	
		For <1,000, Add	1.62	
		For Foundations >8' Below Grade, Add	1.51	
		For Curved Formwork, Add	3.02	
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork.....	13.04	
		Note: Excludes footing		
		For <1,000, Add	2.29	
		For Foundations >8' Below Grade, Add	2.14	
		For Curved Formwork, Add	4.27	
03 11 13 00-0008		Slab Edge And Block-Out Wood Formwork ^(03 11 13 00-0001)		
03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork.....	5.96	
		For Foundations >8' Below Grade, Add	1.02	
		For Curved Formwork, Add	2.05	
		For Up To 250, Add	1.08	
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork.....	8.90	
		For Foundations >8' Below Grade, Add	1.45	
		For Curved Formwork, Add	2.90	
		For Up To 250, Add	1.56	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork.....	11.44	
		For Foundations >8' Below Grade, Add	1.87	
		For Curved Formwork, Add	3.75	
		For <1,000, Add	2.01	
03 11 13 00-0012		Column Wood Formwork ^(03 11 13 00-0001)		
03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork.....	48.16	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork.....	72.16	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork.....	89.16	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork.....	124.41	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork.....	177.45	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork.....	231.38	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Forming	03 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0019 Above Grade Wall Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0020 SF Up To 8' High Above Grade Wall Wood Formwork.....	14.35	
For Curved Formwork, Add	4.80	
For <1,000, Add	2.56	
03 11 13 00-0021 SF >8' High Above Grade Wall Wood Formwork.....	16.96	
For Curved Formwork, Add	5.69	
For <1,000, Add	3.03	
03 11 13 00-0022 Elevated Beam Wood Formwork (03 11 13 00-0001)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023 SF Bottom of Elevated Beam Wood Formwork.....	17.83	
For Curved Formwork, Add	6.16	
For <1,000, Add	3.24	
03 11 13 00-0024 SF Vertical Sides of Elevated Beam Wood Formwork.....	11.87	
For Curved Formwork, Add	3.99	
For <1,000, Add	2.12	
03 11 13 00-0025 Elevated Slab Wood Formwork (03 11 13 00-0001)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026 SF Elevated Slab Wood Formwork.....	11.13	
For <1,000, Add	1.92	
03 11 13 00-0027 Metal Framed Formwork (03 11 13)		
Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028 Foundation Metal Framed Formwork (03 11 13 00-0027)		
Note: For foundation work below or at grade.		
03 11 13 00-0029 SF Continuous Footings Foundation Metal Framed Formwork.....	6.37	
For <1,000, Add	1.17	
For Foundations >8' Below Grade, Add	1.12	
For Curved Formwork, Add	2.23	
03 11 13 00-0030 SF Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork.....	7.06	
For <1,000, Add	1.31	
For Foundations >8' Below Grade, Add	1.25	
For Curved Formwork, Add	2.50	
03 11 13 00-0031 SF Mat Foundation Metal Framed Formwork.....	7.92	
For <1,000, Add	1.45	
For Foundations >8' Below Grade, Add	1.38	
For Curved Formwork, Add	2.76	
03 11 13 00-0032 SF Grade Beams Or Duct Bank Foundation Metal Framed Formwork.....	6.67	
For <1,000, Add	1.22	
For Foundations >8' Below Grade, Add	1.16	
For Curved Formwork, Add	2.32	
03 11 13 00-0033 SF Below Grade Walls Foundation Metal Framed Formwork.....	10.17	
Note: Excludes footing.		
For <1,000, Add	1.89	
For Foundations >8' Below Grade, Add	1.82	
For Curved Formwork, Add	3.64	
03 11 13 00-0034 Slab Edge And Block-Out Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0035 LF Up To 6" High Slab Edge and Block-Out Metal Framed Formwork.....	4.60	
For Foundations >8' Below Grade, Add	0.90	
For Curved Formwork, Add	1.80	
For <250, Add	0.91	
03 11 13 00-0036 LF >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork.....	5.76	
For Foundations >8' Below Grade, Add	1.12	
For Curved Formwork, Add	2.23	
For <250, Add	1.13	
03 11 13 00-0037 SF >12" High Slab Edge and Block-Out Metal Framed Formwork.....	6.38	
For Foundations >8' Below Grade, Add	1.23	
For Curved Formwork, Add	2.47	
For <1,000, Add	1.25	
03 11 13 00-0038 Column Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0039 Square Columns (03 11 13 00-0038)		
03 11 13 00-0040 LF Up To 12" Square Column Metal Framed Formwork.....	39.54	
03 11 13 00-0041 LF >12" To 16" Square Column Metal Framed Formwork.....	47.78	
03 11 13 00-0042 LF >16" To 20" Square Column Metal Framed Formwork.....	56.06	
03 11 13 00-0043 LF >20" To 24" Square Column Metal Framed Formwork.....	66.97	
03 11 13 00-0044 LF >24" To 30" Square Column Metal Framed Formwork.....	80.68	
03 11 13 00-0045 LF >30" To 36" Square Column Metal Framed Formwork.....	96.90	
03 11 13 00-0046 LF >36" To 48" Square Column Metal Framed Formwork.....	124.32	
03 11 13 00-0047 LF >48" To 60" Square Column Metal Framed Formwork.....	153.35	
03 11 13 00-0048 Round Columns (03 11 13 00-0038)		

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork.....	39.23	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork.....	43.59	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork.....	50.00	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork.....	58.22	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork.....	68.71	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork.....	78.66	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork.....	102.09	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork.....	133.55	
03 11 13 00-0057 Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)				
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork.....	6.27	
		For Curved Formwork, Add	2.08	
		For <1,000, Add	1.11	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork.....	7.65	
		For Curved Formwork, Add	2.50	
		For <1,000, Add	1.34	
03 11 13 00-0060 Elevated Beam Metal Framed Formwork (03 11 13 00-0027)				
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork.....	6.14	
		For Curved Formwork, Add	1.93	
		For <1,000, Add	1.05	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork.....	4.68	
		For Curved Formwork, Add	1.52	
		For <1,000, Add	0.82	
03 11 13 00-0063 Elevated Slab Metal Framed Formwork (03 11 13 00-0027)				
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork.....	8.03	
		For <1,000, Add	1.24	
03 11 13 00-0065 Fiber Tube Formwork (03 11 13)				
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066 Round Column Fiber Tube Formwork (03 11 13 00-0065)				
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork.....	16.34	
		For Plastic Lined, Add	0.62	
		For Columns >12' In Length, Add	1.63	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork.....	17.24	
		For Plastic Lined, Add	0.74	
		For Columns >12' In Length, Add	1.72	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork.....	19.05	
		For Plastic Lined, Add	0.85	
		For Columns >12' In Length, Add	1.91	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork.....	22.50	
		For Plastic Lined, Add	1.22	
		For Columns >12' In Length, Add	2.25	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork.....	25.46	
		For Plastic Lined, Add	1.65	
		For Columns >12' In Length, Add	2.55	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork.....	27.62	
		For Plastic Lined, Add	2.09	
		For Columns >12' In Length, Add	2.76	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork.....	29.03	
		For Plastic Lined, Add	2.27	
		For Columns >12' In Length, Add	2.90	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork.....	31.70	
		For Plastic Lined, Add	2.83	
		For Columns >12' In Length, Add	3.17	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork.....	34.75	
		For Plastic Lined, Add	3.41	
		For Columns >12' In Length, Add	3.48	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork.....	37.82	
		For Plastic Lined, Add	3.99	
		For Columns >12' In Length, Add	3.78	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork.....	39.47	
		For Plastic Lined, Add	4.36	
		For Columns >12' In Length, Add	3.95	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork.....	42.04	
		For Plastic Lined, Add	5.00	
		For Columns >12' In Length, Add	4.20	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork.....	44.81	
		For Plastic Lined, Add	5.69	
		For Columns >12' In Length, Add	4.48	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork.....	54.59	
		For Plastic Lined, Add	8.15	
		For Columns >12' In Length, Add	5.46	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork.....	74.72	
		For Plastic Lined, Add	13.83	
		For Columns >12' In Length, Add	7.47	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Forming	03 11	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	89.19 17.83 8.92	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	148.86 35.17 14.89	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	165.52 39.74 16.55	
03 11 13 00-0085		Accessories For Formwork (03 11 13)		
03 11 13 00-0086		Keyway Forms, All Materials (03 11 13 00-0085)		
03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials.....	2.02	
03 11 13 00-0088		Chamfer Strips, All Materials (03 11 13 00-0085)		
03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.12	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.51	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.90	
03 11 13 00-0092		Strip Out Reglets For Concrete Formwork (03 11 13 00-0085)		
03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork.....	9.38	
03 11 13 00-0094		Sleeves And Chases, Plastic Or Sheet Metal (03 11 13 00-0085)		
03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	11.31	
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	13.77	
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	16.65	
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	19.04	
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	24.58	
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	54.92	
03 11 16		Architectural Cast-In-Place Concrete Forming (03 11)		
03 11 16 13		Concrete Form Liners (03 11 16)		
03 11 16 13-0001		Concrete Form Liners (03 11 16 13)		
03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork.....	4.84	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork.....	6.31	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork.....	8.29	
03 11 23		Permanent Stair Forming (03 11)		
03 11 23 00-0001		Stairway Wood Formwork (03 11 23)		
03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork..... <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	17.03 6.25 3.22	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork..... <i>Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.</i> <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	33.85 12.16 6.31	
03 11 23 00-0004		Stairway Metal Framed Formwork (03 11 23)		
03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork..... <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	13.25 5.01 2.55	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork..... <i>Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.</i> <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	24.44 9.28 4.72	
03 15		Concrete Accessories (03 10)		
03 15 13		Waterstops (03 15)		
03 15 13 13		Non-Expanding Waterstops (03 15 13)		
03 15 13 13-0001		Polyvinyl Chloride (PVC) Waterstops (03 15 13 13)		
03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	7.31	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	8.22	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	9.88	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	10.86	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	16.25	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	8.02	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	10.04	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	17.74		
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	14.03		
03 15 13 13-0011		Rubber Waterstops (03 15 13 13)			
03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	8.14		
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	9.32		
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	8.47		
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	11.57		
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	9.64		
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.29		
03 15 13 16		Expanding Waterstops (03 15 13)			
03 15 13 16-0001		Bentonite Waterstops (03 15 13 16)			
03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	6.48		
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	9.92		
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	11.13		
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	12.60		
03 15 16		Concrete Construction Joints (03 15)			
03 15 16 00-0001		Poured Expansion Joint (03 15 16)			
03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	2.19	0.82	
		For Installation In Walls, Add	1.37		
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	3.49	0.82	
		For Installation In Walls, Add	1.54		
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.66	0.82	
		For Installation In Walls, Add	1.37		
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	5.38	0.82	
		For Installation In Walls, Add	1.54		
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	3.59	0.82	
		For Installation In Walls, Add	1.54		
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, 2 Parts	6.39	0.82	
		For Installation In Walls, Add	2.50		
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	2.29	0.82	
		For Installation In Walls, Add	1.37		
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	2.53	0.82	
		For Installation In Walls, Add	1.37		
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.73	0.82	
		For Installation In Walls, Add	1.54		
03 15 16 00-0011		Premolded Expansion Joints (03 15 16)			
03 15 16 00-0012		Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)			
03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.04	0.93	
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.39	0.98	
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.59	1.02	
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.80	1.07	
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.27	0.93	
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.56	0.98	
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.92	1.02	
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.43	1.07	
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.04	0.89	
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.23	0.93	
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.47	0.98	
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.68	1.02	
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.92	1.07	
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.28	1.12	
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.54	1.16	
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.02	1.21	
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.49	0.98	
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.91	1.02	
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.61	1.12	
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	6.43	1.53	
03 15 16 00-0033		Cork, Premolded Expansion Joints (03 15 16 00-0011)			
03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	3.76	0.98	
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.25	1.07	
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	4.64	1.12	
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	6.68	1.16	
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	7.13	1.21	
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	7.77	1.53	
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	9.12	1.53	
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	9.74	1.53	
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)			



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		Concrete Forming and Accessories	03 10	
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MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST		
03 15 16 00-0043	LF 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.23			0.98
03 15 16 00-0044	LF 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.34			1.02
03 15 16 00-0045	LF 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.47			1.07
03 15 16 00-0046	LF 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.92			1.12
03 15 16 00-0047	LF 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.31			0.98
03 15 16 00-0048	LF 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.42			1.02
03 15 16 00-0049	LF 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.52			1.07
03 15 16 00-0050	LF 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.79			1.12
03 15 16 00-0051	Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)				
03 15 16 00-0052	LF 1" Zip Strip, Premolded Expansion Joint.....	2.26			0.98
03 15 16 00-0053	LF 1-1/2" Zip Strip, Premolded Expansion Joint.....	2.50			1.02
03 15 16 00-0054	LF 2" Zip Strip, Premolded Expansion Joint.....	2.78			1.12
03 15 16 00-0055	Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)				
03 15 16 00-0056	LF 1/2" x 4" Sponge Rubber, Premolded Expansion Joint	3.74			0.93
03 15 16 00-0057	LF 1/2" x 6" Sponge Rubber, Premolded Expansion Joint	4.48			0.93
03 15 16 00-0058	Asphalt Felt Control Joints Or Bond Breaker (03 15 16)				
03 15 16 00-0059	SF Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	1.02			0.70
	>1,250, Deduct	-0.05			
03 15 16 00-0060	SF Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	0.98			0.70
	>1,250, Deduct	-0.05			
03 15 16 00-0061	Keyed Cold Expansion And Control Joints (03 15 16)				
03 15 16 00-0062	24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)				
03 15 16 00-0063	LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	5.33			
03 15 16 00-0064	LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	5.43			
03 15 16 00-0065	LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	5.63			
03 15 16 00-0066	LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	5.98			
03 15 16 00-0067	LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	7.50			
03 15 19	Cast-In Concrete Anchors (03 15)				
03 15 19 00-0001	Cast In Place Anchors (03 15 19)				
	Note: For cast in place installations. Includes nut and washer.				
03 15 19 00-0002	J-Type Anchor Bolts (03 15 19 00-0001)				
	See CSI section 03 11 13 00-0002 for template.				
03 15 19 00-0003	1/2" And 5/8" Diameter (03 15 19 00-0002)				
03 15 19 00-0004	EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	7.38			
	For Galvanized, Add	1.05			
	For Stainless Steel, Add	7.35			
	For >10 To 50, Deduct	-0.26			
	For >50 To 100, Deduct	-0.58			
	For >100, Deduct	-1.16			
03 15 19 00-0005	EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	8.37			
	For Galvanized, Add	1.34			
	For Stainless Steel, Add	9.38			
	For >10 To 50, Deduct	-0.28			
	For >50 To 100, Deduct	-0.64			
	For >100, Deduct	-1.27			
03 15 19 00-0006	EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	9.85			
	For Galvanized, Add	1.85			
	For Stainless Steel, Add	12.92			
	For >10 To 50, Deduct	-0.31			
	For >50 To 100, Deduct	-0.71			
	For >100, Deduct	-1.42			
03 15 19 00-0007	EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	10.97			
	For Galvanized, Add	2.41			
	For Stainless Steel, Add	16.84			
	For >10 To 50, Deduct	-0.31			
	For >50 To 100, Deduct	-0.74			
	For >100, Deduct	-1.47			
03 15 19 00-0008	EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	13.15			
	For Galvanized, Add	3.22			
	For Stainless Steel, Add	22.51			
	For >10 To 50, Deduct	-0.34			
	For >50 To 100, Deduct	-0.83			
	For >100, Deduct	-1.67			
03 15 19 00-0009	EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	14.74			
	For Galvanized, Add	3.68			
	For Stainless Steel, Add	25.73			
	For >10 To 50, Deduct	-0.37			
	For >50 To 100, Deduct	-0.92			
	For >100, Deduct	-1.85			

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 15 19 00-0010 3/4" And 7/8" Diameter (03 15 19 00-0002)			
03 15 19 00-0011	EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	14.68	
	For Galvanized, Add	3.65	
	For Stainless Steel, Add	25.52	
	For >10 To 50, Deduct	-0.37	
	For >50 To 100, Deduct	-0.92	
	For >100, Deduct	-1.84	
03 15 19 00-0012	EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	16.71	
	For Galvanized, Add	4.25	
	For Stainless Steel, Add	29.75	
	For >10 To 50, Deduct	-0.41	
	For >50 To 100, Deduct	-1.03	
	For >100, Deduct	-2.07	
03 15 19 00-0013	EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	20.13	
	For Galvanized, Add	5.45	
	For Stainless Steel, Add	38.12	
	For >10 To 50, Deduct	-0.46	
	For >50 To 100, Deduct	-1.20	
	For >100, Deduct	-2.39	
03 15 19 00-0014	EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	24.07	
	For Galvanized, Add	6.86	
	For Stainless Steel, Add	48.02	
	For >10 To 50, Deduct	-0.52	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.76	
03 15 19 00-0015	EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	19.21	
	For Galvanized, Add	4.99	
	For Stainless Steel, Add	34.90	
	For >10 To 50, Deduct	-0.46	
	For >50 To 100, Deduct	-1.17	
	For >100, Deduct	-2.35	
03 15 19 00-0016	EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	22.50	
	For Galvanized, Add	5.97	
	For Stainless Steel, Add	41.79	
	For >10 To 50, Deduct	-0.53	
	For >50 To 100, Deduct	-1.35	
	For >100, Deduct	-2.71	
03 15 19 00-0017	EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	28.23	
	For Galvanized, Add	7.96	
	For Stainless Steel, Add	55.69	
	For >10 To 50, Deduct	-0.62	
	For >50 To 100, Deduct	-1.63	
	For >100, Deduct	-3.26	
03 15 19 00-0018 1" And 1-1/8" Diameter (03 15 19 00-0002)			
03 15 19 00-0019	EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	23.46	
	For Galvanized, Add	6.45	
	For Stainless Steel, Add	45.15	
	For >10 To 50, Deduct	-0.53	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.76	
03 15 19 00-0020	EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	27.84	
	For Galvanized, Add	7.76	
	For Stainless Steel, Add	54.32	
	For >10 To 50, Deduct	-0.62	
	For >50 To 100, Deduct	-1.62	
	For >100, Deduct	-3.24	
03 15 19 00-0021	EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	34.23	
	For Galvanized, Add	9.73	
	For Stainless Steel, Add	68.08	
	For >10 To 50, Deduct	-0.74	
	For >50 To 100, Deduct	-1.96	
	For >100, Deduct	-3.93	
03 15 19 00-0022	EA 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	42.24	
	For Galvanized, Add	11.89	
	For Stainless Steel, Add	83.20	
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-2.44	
	For >100, Deduct	-4.88	
03 15 19 00-0023	EA 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	27.71	
	For Galvanized, Add	8.06	
	For Stainless Steel, Add	56.42	
	For >10 To 50, Deduct	-0.58	
	For >50 To 100, Deduct	-1.56	
	For >100, Deduct	-3.12	
03 15 19 00-0024	EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	32.92	
	For Galvanized, Add	9.70	
	For Stainless Steel, Add	67.90	
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.84	
	For >100, Deduct	-3.67	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.55	
		For Galvanized, Add	12.16	
		For Stainless Steel, Add	85.12	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-2.23	
		For >100, Deduct	-4.46	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	50.00	
		For Galvanized, Add	14.86	
		For Stainless Steel, Add	103.99	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.77	
		For >100, Deduct	-5.54	
03 15 19 00-0027		1-1/4" And 1-1/2" Diameter (03 15 19 00-0002)		
03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.99	
		For Galvanized, Add	10.08	
		For Stainless Steel, Add	70.53	
		For >10 To 50, Deduct	-0.64	
		For >50 To 100, Deduct	-1.79	
		For >100, Deduct	-3.58	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	39.23	
		For Galvanized, Add	12.13	
		For Stainless Steel, Add	84.91	
		For >10 To 50, Deduct	-0.75	
		For >50 To 100, Deduct	-2.10	
		For >100, Deduct	-4.21	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	48.39	
		For Galvanized, Add	15.21	
		For Stainless Steel, Add	106.44	
		For >10 To 50, Deduct	-0.90	
		For >50 To 100, Deduct	-2.56	
		For >100, Deduct	-5.12	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	59.61	
		For Galvanized, Add	18.57	
		For Stainless Steel, Add	129.99	
		For >10 To 50, Deduct	-1.12	
		For >50 To 100, Deduct	-3.18	
		For >100, Deduct	-6.35	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	39.59	
		For Galvanized, Add	12.60	
		For Stainless Steel, Add	88.17	
		For >10 To 50, Deduct	-0.72	
		For >50 To 100, Deduct	-2.07	
		For >100, Deduct	-4.14	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.12	
		For Galvanized, Add	15.16	
		For Stainless Steel, Add	106.12	
		For >10 To 50, Deduct	-0.84	
		For >50 To 100, Deduct	-2.44	
		For >100, Deduct	-4.88	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	58.18	
		For Galvanized, Add	19.01	
		For Stainless Steel, Add	133.07	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.97	
		For >100, Deduct	-5.93	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	71.61	
		For Galvanized, Add	23.21	
		For Stainless Steel, Add	162.47	
		For >10 To 50, Deduct	-1.26	
		For >50 To 100, Deduct	-3.68	
		For >100, Deduct	-7.36	
03 15 19 00-0036		L-Type Anchor Bolts (03 15 19 00-0001)		
		See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0037		3/4" And 7/8" Diameter (03 15 19 00-0036)		
03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	13.79	
		For Galvanized, Add	2.79	
		For Stainless Steel, Add	19.53	
		For >10 To 50, Deduct	-0.41	
		For >50 To 100, Deduct	-0.96	
		For >100, Deduct	-1.92	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.13	
		For Galvanized, Add	3.45	
		For Stainless Steel, Add	24.12	
		For >10 To 50, Deduct	-0.46	
		For >50 To 100, Deduct	-1.10	
		For >100, Deduct	-2.19	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0040	EA		3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.46	
			For Galvanized, Add	3.95	
			For Stainless Steel, Add	27.65	
			For >10 To 50, Deduct	-0.53	
			For >50 To 100, Deduct	-1.25	
			For >100, Deduct	-2.51	
03 15 19 00-0041	EA		3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.52	
			For Galvanized, Add	4.10	
			For Stainless Steel, Add	28.70	
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.44	
			For >100, Deduct	-2.87	
03 15 19 00-0042	EA		3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.39	
			For Galvanized, Add	4.31	
			For Stainless Steel, Add	30.14	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.69	
			For >100, Deduct	-3.39	
03 15 19 00-0043	EA		7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.15	
			For Galvanized, Add	3.46	
			For Stainless Steel, Add	24.19	
			For >10 To 50, Deduct	-0.46	
			For >50 To 100, Deduct	-1.10	
			For >100, Deduct	-2.19	
03 15 19 00-0044	EA		7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.61	
			For Galvanized, Add	4.03	
			For Stainless Steel, Add	28.18	
			For >10 To 50, Deduct	-0.53	
			For >50 To 100, Deduct	-1.26	
			For >100, Deduct	-2.51	
03 15 19 00-0045	EA		7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	21.56	
			For Galvanized, Add	4.62	
			For Stainless Steel, Add	32.34	
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.46	
			For >100, Deduct	-2.93	
03 15 19 00-0046	EA		7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.37	
			For Galvanized, Add	4.80	
			For Stainless Steel, Add	33.57	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.72	
			For >100, Deduct	-3.44	
03 15 19 00-0047	EA		7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.54	
			For Galvanized, Add	5.04	
			For Stainless Steel, Add	35.25	
			For >10 To 50, Deduct	-0.92	
			For >50 To 100, Deduct	-2.10	
			For >100, Deduct	-4.20	
03 15 19 00-0048			1" And 1-1/8" Diameter (03 15 19 00-0036)		
03 15 19 00-0049	EA		1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	19.43	
			For Galvanized, Add	4.44	
			For Stainless Steel, Add	31.05	
			For >10 To 50, Deduct	-0.53	
			For >50 To 100, Deduct	-1.28	
			For >100, Deduct	-2.56	
03 15 19 00-0050	EA		1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.29	
			For Galvanized, Add	4.99	
			For Stainless Steel, Add	34.90	
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.48	
			For >100, Deduct	-2.96	
03 15 19 00-0051	EA		1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.93	
			For Galvanized, Add	5.58	
			For Stainless Steel, Add	39.03	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.76	
			For >100, Deduct	-3.51	
03 15 19 00-0052	EA		1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.74	
			For Galvanized, Add	5.84	
			For Stainless Steel, Add	40.88	
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.80	
03 15 19 00-0053	EA		1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.70	
			For Galvanized, Add	6.12	
			For Stainless Steel, Add	42.81	
			For >10 To 50, Deduct	-0.92	
			For >50 To 100, Deduct	-2.15	
			For >100, Deduct	-4.31	



		Concrete	03	3
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0054	EA		1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.70	
			For Galvanized, Add	7.09	
			For Stainless Steel, Add	49.60	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.41	
			For >100, Deduct	-4.81	
03 15 19 00-0055	EA		1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.21	
			For Galvanized, Add	8.29	
			For Stainless Steel, Add	58.03	
			For >10 To 50, Deduct	-1.23	
			For >50 To 100, Deduct	-2.88	
			For >100, Deduct	-5.76	
03 15 19 00-0056	EA		1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.98	
			For Galvanized, Add	5.83	
			For Stainless Steel, Add	40.81	
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.52	
			For >100, Deduct	-3.05	
03 15 19 00-0057	EA		1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.83	
			For Galvanized, Add	6.53	
			For Stainless Steel, Add	45.68	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.80	
			For >100, Deduct	-3.61	
03 15 19 00-0058	EA		1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	29.72	
			For Galvanized, Add	6.83	
			For Stainless Steel, Add	47.81	
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-1.95	
			For >100, Deduct	-3.90	
03 15 19 00-0059			1-1/4" And 1-3/8" Diameter (03 15 19 00-0036)	28.88	
03 15 19 00-0060	EA		1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.88	
			For Galvanized, Add	7.05	
			For Stainless Steel, Add	49.35	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.83	
			For >100, Deduct	-3.66	
03 15 19 00-0061	EA		1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.97	
			For Galvanized, Add	8.25	
			For Stainless Steel, Add	57.75	
			For >10 To 50, Deduct	-0.92	
			For >50 To 100, Deduct	-2.26	
			For >100, Deduct	-4.52	
03 15 19 00-0062	EA		1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.14	
			For Galvanized, Add	9.35	
			For Stainless Steel, Add	65.42	
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-2.41	
			For >100, Deduct	-4.82	
03 15 19 00-0063	EA		1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.64	
			For Galvanized, Add	10.56	
			For Stainless Steel, Add	73.89	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.58	
			For >100, Deduct	-5.16	
03 15 19 00-0064	EA		1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.06	
			For Galvanized, Add	11.48	
			For Stainless Steel, Add	80.36	
			For >10 To 50, Deduct	-1.16	
			For >50 To 100, Deduct	-2.88	
			For >100, Deduct	-5.77	
03 15 19 00-0065	EA		1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.98	
			For Galvanized, Add	12.29	
			For Stainless Steel, Add	86.03	
			For >10 To 50, Deduct	-1.32	
			For >50 To 100, Deduct	-3.25	
			For >100, Deduct	-6.51	
03 15 19 00-0066	EA		1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	57.10	
			For Galvanized, Add	13.16	
			For Stainless Steel, Add	92.09	
			For >10 To 50, Deduct	-1.54	
			For >50 To 100, Deduct	-3.74	
			For >100, Deduct	-7.47	
03 15 19 00-0067	EA		1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	66.06	
			For Galvanized, Add	14.55	
			For Stainless Steel, Add	101.85	
			For >10 To 50, Deduct	-1.85	
			For >50 To 100, Deduct	-4.42	
			For >100, Deduct	-8.85	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0068	EA		1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.41	
			For Galvanized, Add	8.82	
			For Stainless Steel, Add	61.71	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.84	
03 15 19 00-0069	EA		1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.10	
			For Galvanized, Add	10.32	
			For Stainless Steel, Add	72.21	
			For >10 To 50, Deduct	-0.92	
			For >50 To 100, Deduct	-2.36	
			For >100, Deduct	-4.73	
03 15 19 00-0070	EA		1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.81	
			For Galvanized, Add	11.68	
			For Stainless Steel, Add	81.76	
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-2.53	
			For >100, Deduct	-5.06	
03 15 19 00-0071	EA		1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.91	
			For Galvanized, Add	13.19	
			For Stainless Steel, Add	92.33	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.71	
			For >100, Deduct	-5.43	
03 15 19 00-0072	EA		1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	51.80	
			For Galvanized, Add	14.35	
			For Stainless Steel, Add	100.45	
			For >10 To 50, Deduct	-1.16	
			For >50 To 100, Deduct	-3.03	
			For >100, Deduct	-6.06	
03 15 19 00-0073	EA		1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	57.14	
			For Galvanized, Add	15.37	
			For Stainless Steel, Add	107.59	
			For >10 To 50, Deduct	-1.32	
			For >50 To 100, Deduct	-3.41	
			For >100, Deduct	-6.82	
03 15 19 00-0074	EA		1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	63.95	
			For Galvanized, Add	16.58	
			For Stainless Steel, Add	116.06	
			For >10 To 50, Deduct	-1.54	
			For >50 To 100, Deduct	-3.91	
			For >100, Deduct	-7.82	
03 15 19 00-0075	EA		1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	73.34	
			For Galvanized, Add	18.19	
			For Stainless Steel, Add	127.33	
			For >10 To 50, Deduct	-1.85	
			For >50 To 100, Deduct	-4.61	
			For >100, Deduct	-9.21	
03 15 19 00-0076			1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036)		
03 15 19 00-0077	EA		1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.24	
			For Galvanized, Add	12.22	
			For Stainless Steel, Add	85.54	
			For >10 To 50, Deduct	-0.84	
			For >50 To 100, Deduct	-2.29	
			For >100, Deduct	-4.58	
03 15 19 00-0078	EA		1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	45.08	
			For Galvanized, Add	12.82	
			For Stainless Steel, Add	89.71	
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-2.59	
			For >100, Deduct	-5.17	
03 15 19 00-0079	EA		1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.94	
			For Galvanized, Add	14.10	
			For Stainless Steel, Add	98.70	
			For >10 To 50, Deduct	-1.09	
			For >50 To 100, Deduct	-2.88	
			For >100, Deduct	-5.76	
03 15 19 00-0080	EA		1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.91	
			For Galvanized, Add	15.41	
			For Stainless Steel, Add	107.84	
			For >10 To 50, Deduct	-1.16	
			For >50 To 100, Deduct	-3.08	
			For >100, Deduct	-6.16	
03 15 19 00-0081	EA		1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	58.05	
			For Galvanized, Add	16.71	
			For Stainless Steel, Add	116.97	
			For >10 To 50, Deduct	-1.23	
			For >50 To 100, Deduct	-3.30	
			For >100, Deduct	-6.60	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	64.37	
		For Galvanized, Add	17.97	
		For Stainless Steel, Add	125.79	
		For >10 To 50, Deduct	-1.42	
		For >50 To 100, Deduct	-3.74	
		For >100, Deduct	-7.48	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	72.48	
		For Galvanized, Add	19.44	
		For Stainless Steel, Add	136.08	
		For >10 To 50, Deduct	-1.68	
		For >50 To 100, Deduct	-4.33	
		For >100, Deduct	-8.66	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	84.18	
		For Galvanized, Add	21.56	
		For Stainless Steel, Add	150.92	
		For >10 To 50, Deduct	-2.05	
		For >50 To 100, Deduct	-5.18	
		For >100, Deduct	-10.37	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.24	
		For Galvanized, Add	18.39	
		For Stainless Steel, Add	128.70	
		For >10 To 50, Deduct	-0.92	
		For >50 To 100, Deduct	-2.77	
		For >100, Deduct	-5.53	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	58.10	
		For Galvanized, Add	18.79	
		For Stainless Steel, Add	131.50	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-2.99	
		For >100, Deduct	-5.98	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.91	
		For Galvanized, Add	19.09	
		For Stainless Steel, Add	133.60	
		For >10 To 50, Deduct	-1.09	
		For >50 To 100, Deduct	-3.13	
		For >100, Deduct	-6.26	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	67.19	
		For Galvanized, Add	22.05	
		For Stainless Steel, Add	154.32	
		For >10 To 50, Deduct	-1.16	
		For >50 To 100, Deduct	-3.41	
		For >100, Deduct	-6.82	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	77.30	
		For Galvanized, Add	25.45	
		For Stainless Steel, Add	178.15	
		For >10 To 50, Deduct	-1.32	
		For >50 To 100, Deduct	-3.91	
		For >100, Deduct	-7.83	
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	82.36	
		For Galvanized, Add	25.79	
		For Stainless Steel, Add	180.50	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-4.37	
		For >100, Deduct	-8.74	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	92.65	
		For Galvanized, Add	27.85	
		For Stainless Steel, Add	194.92	
		For >10 To 50, Deduct	-1.85	
		For >50 To 100, Deduct	-5.09	
		For >100, Deduct	-10.18	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	106.17	
		For Galvanized, Add	29.99	
		For Stainless Steel, Add	209.93	
		For >10 To 50, Deduct	-2.31	
		For >50 To 100, Deduct	-6.12	
		For >100, Deduct	-12.24	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	77.71	
		For Galvanized, Add	27.99	
		For Stainless Steel, Add	195.90	
		For >10 To 50, Deduct	-1.09	
		For >50 To 100, Deduct	-3.57	
		For >100, Deduct	-7.15	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	85.14	
		For Galvanized, Add	30.26	
		For Stainless Steel, Add	211.79	
		For >10 To 50, Deduct	-1.23	
		For >50 To 100, Deduct	-3.98	
		For >100, Deduct	-7.95	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	94.39	
		For Galvanized, Add	32.98	
		For Stainless Steel, Add	230.86	
		For >10 To 50, Deduct	-1.42	
		For >50 To 100, Deduct	-4.49	
		For >100, Deduct	-8.98	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	103.45	
		For Galvanized, Add	34.93	
		For Stainless Steel, Add	244.48	
		For >10 To 50, Deduct	-1.68	
		For >50 To 100, Deduct	-5.11	
		For >100, Deduct	-10.21	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	112.02	
		For Galvanized, Add	37.53	
		For Stainless Steel, Add	262.71	
		For >10 To 50, Deduct	-1.85	
		For >50 To 100, Deduct	-5.57	
		For >100, Deduct	-11.15	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	121.21	
		For Galvanized, Add	40.08	
		For Stainless Steel, Add	280.53	
		For >10 To 50, Deduct	-2.05	
		For >50 To 100, Deduct	-6.11	
		For >100, Deduct	-12.22	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	138.88	
		For Galvanized, Add	43.04	
		For Stainless Steel, Add	301.28	
		For >10 To 50, Deduct	-2.64	
		For >50 To 100, Deduct	-7.43	
		For >100, Deduct	-14.86	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	147.43	
		For Galvanized, Add	47.32	
		For Stainless Steel, Add	331.21	
		For >10 To 50, Deduct	-2.64	
		For >50 To 100, Deduct	-7.65	
		For >100, Deduct	-15.29	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	166.78	
		For Galvanized, Add	52.60	
		For Stainless Steel, Add	368.17	
		For >10 To 50, Deduct	-3.08	
		For >50 To 100, Deduct	-8.79	
		For >100, Deduct	-17.58	
03 15 19 00-0102		2-1/2" And 2-3/4" Diameter (03 15 19 00-0036)		
03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	146.10	
		For Galvanized, Add	62.18	
		For Stainless Steel, Add	435.26	
		For >10 To 50, Deduct	-1.09	
		For >50 To 100, Deduct	-5.28	
		For >100, Deduct	-10.57	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	154.62	
		For Galvanized, Add	65.00	
		For Stainless Steel, Add	454.97	
		For >10 To 50, Deduct	-1.23	
		For >50 To 100, Deduct	-5.71	
		For >100, Deduct	-11.43	
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	169.40	
		For Galvanized, Add	70.49	
		For Stainless Steel, Add	493.40	
		For >10 To 50, Deduct	-1.42	
		For >50 To 100, Deduct	-6.37	
		For >100, Deduct	-12.73	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	182.16	
		For Galvanized, Add	74.28	
		For Stainless Steel, Add	519.96	
		For >10 To 50, Deduct	-1.68	
		For >50 To 100, Deduct	-7.07	
		For >100, Deduct	-14.15	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	193.48	
		For Galvanized, Add	78.26	
		For Stainless Steel, Add	547.82	
		For >10 To 50, Deduct	-1.85	
		For >50 To 100, Deduct	-7.61	
		For >100, Deduct	-15.22	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	206.50	
		For Galvanized, Add	82.72	
		For Stainless Steel, Add	579.04	
		For >10 To 50, Deduct	-2.05	
		For >50 To 100, Deduct	-8.24	
		For >100, Deduct	-16.48	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	227.37	
		For Galvanized, Add	87.29	
		For Stainless Steel, Add	611.00	
		For >10 To 50, Deduct	-2.64	
		For >50 To 100, Deduct	-9.64	
		For >100, Deduct	-19.29	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0110 EA 2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	163.88	
For Galvanized, Add	70.39	
For Stainless Steel, Add	492.73	
For >10 To 50, Deduct	-1.16	
For >50 To 100, Deduct	-5.83	
For >100, Deduct	-11.66	
03 15 19 00-0111 EA 2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	176.99	
For Galvanized, Add	75.30	
For Stainless Steel, Add	527.07	
For >10 To 50, Deduct	-1.32	
For >50 To 100, Deduct	-6.40	
For >100, Deduct	-12.81	
03 15 19 00-0112 EA 2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	191.29	
For Galvanized, Add	80.25	
For Stainless Steel, Add	561.75	
For >10 To 50, Deduct	-1.54	
For >50 To 100, Deduct	-7.09	
For >100, Deduct	-14.18	
03 15 19 00-0113 EA 2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	206.38	
For Galvanized, Add	84.71	
For Stainless Steel, Add	592.97	
For >10 To 50, Deduct	-1.85	
For >50 To 100, Deduct	-7.93	
For >100, Deduct	-15.86	
03 15 19 00-0114 EA 2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	220.23	
For Galvanized, Add	89.59	
For Stainless Steel, Add	627.10	
For >10 To 50, Deduct	-2.05	
For >50 To 100, Deduct	-8.59	
For >100, Deduct	-17.17	
03 15 19 00-0115 EA 2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	239.20	
For Galvanized, Add	96.51	
For Stainless Steel, Add	675.54	
For >10 To 50, Deduct	-2.31	
For >50 To 100, Deduct	-9.44	
For >100, Deduct	-18.89	
03 15 19 00-0116 EA 2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	265.21	
For Galvanized, Add	101.81	
For Stainless Steel, Add	712.67	
For >10 To 50, Deduct	-3.08	
For >50 To 100, Deduct	-11.25	
For >100, Deduct	-22.50	

03 20 Concrete Reinforcing ⁽⁰³⁾

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars ^(03 20)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars ^(03 21)

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar ^(03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002 LF #3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.55
03 21 11 00-0003 LF #4, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.92
03 21 11 00-0004 LF #5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.37
03 21 11 00-0005 LF #6, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.87
03 21 11 00-0006 LF #3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.56
03 21 11 00-0007 LF #4, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.94
03 21 11 00-0008 LF #5, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.40
03 21 11 00-0009 LF #6, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.91
03 21 11 00-0010 LF #3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.58
03 21 11 00-0011 LF #4, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.96
03 21 11 00-0012 LF #5, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.44
03 21 11 00-0013 LF #6, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.97
03 21 11 00-0014 LF #7, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.54
03 21 11 00-0015 LF #8, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.14
03 21 11 00-0016 LF #9, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.84
03 21 11 00-0017 LF #10, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.65
03 21 11 00-0018 LF #11, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.50
03 21 11 00-0019 LF #14, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.56
03 21 11 00-0020 LF #18, Grade 60, Beams And Girders, Steel Reinforcement Bar	12.82
03 21 11 00-0021 LF #6, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.03
03 21 11 00-0022 LF #7, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.62
03 21 11 00-0023 LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.24
03 21 11 00-0024 LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.97
03 21 11 00-0025 LF #10, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.82
03 21 11 00-0026 LF #11, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.71
03 21 11 00-0027 LF #14, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.85
03 21 11 00-0028 LF #18, Grade 75, Beams And Girders, Steel Reinforcement Bar	13.34
03 21 11 00-0029 LF #3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.59



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.98
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.47
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.01
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.60
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.22
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.93
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.78
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.66
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.78
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	13.21

03 21 11 00-0040

Columns, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.58
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	0.98
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.45
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	1.98
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.59
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.00
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.48
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	2.02
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.61
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.02
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.52
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	2.08
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	2.68
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	3.30
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	4.02
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	4.86
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	5.74
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	7.89
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	13.32
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	2.14
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	2.76
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	3.40
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	4.15
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	5.03
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	5.95
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	8.18
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	13.84
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.62
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.04
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.55
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.12
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.74
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.38
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.11
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.99
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.90
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	8.11
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	13.71

03 21 11 00-0079

Footings, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.49
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	0.84
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.25
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	1.71
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.50
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	0.86
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.28
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	1.75
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.52
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	0.88
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.32
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	1.81
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	2.34
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	2.90
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	3.55
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	4.32
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	5.13
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	7.08
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	12.06
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	1.87
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	2.42
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	3.00
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	3.68
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	4.49
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	5.34



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	7.37	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	12.58	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.53	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.90	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.35	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.85	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.40	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.98	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.64	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.45	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.29	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.30	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	12.45	
03 21 11 00-0118	Slab On Grade, Steel Reinforcement Bar (03 21 11)			
Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.				
03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.48	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.81	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.20	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.64	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.49	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.83	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.23	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.68	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.51	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.85	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.27	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.74	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.27	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.82	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.46	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.21	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.01	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	6.92	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	11.81	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	1.80	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.35	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.92	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.59	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.38	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.22	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.21	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	12.33	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.52	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.87	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.30	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.78	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.33	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.90	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.55	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.34	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.17	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.14	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.20	
03 21 11 00-0157	Elevated Slabs, Steel Reinforcement Bar (03 21 11)			
Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.				
03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.44	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.74	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.12	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.53	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.45	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.76	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.15	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.57	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.47	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.78	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.19	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.63	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.14	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.65	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.28	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.00	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.76	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.61	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	11.31	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	1.69	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.22	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.75	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.41
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.17
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.97
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.90
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	11.83
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.48
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.80
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.22
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.67
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.20
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.73
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.37
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.13
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.92
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.83
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	11.70

03 21 11 00-0196 Walls, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.42
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.72
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.07
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.48
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.43
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.74
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.10
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.52
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.45
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.76
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.14
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.58
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	2.05
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	2.58
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	3.18
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	3.89
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	4.64
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	6.45
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	11.07
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	1.64
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	2.13
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	2.68
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	3.31
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	4.06
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	4.85
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	6.74
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	11.59
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.46
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.78
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.17
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.62
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.11
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.66
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.27
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.02
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.80
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.67
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	11.46

03 21 11 00-0235 Mechanical Joint Connection (03 21 11)

03 21 11 00-0236 Thermal Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	173.42
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03 21 11 00-0238 Screwed Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	95.79
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03 21 11 00-0240 Deformed Straight Dowels (03 21 11)

Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.

03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.35
For Up To 12" Length, Deduct			-0.29
For >12" To <24" Length, Deduct			-0.15
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	2.82
For Up To 12" Length, Deduct			-0.38
For >12" To <24" Length, Deduct			-0.19
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	3.47
For Up To 12" Length, Deduct			-0.60
For >12" To <24" Length, Deduct			-0.30



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0244 EA 3/4" Diameter x 24" Long, Deformed Straight Dowel For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	4.24 -0.87 -0.43	
03 21 11 00-0245 EA 7/8" Diameter x 24" Long, Deformed Straight Dowel For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	5.04 -1.21 -0.61	
03 21 11 00-0246 EA 1" Diameter x 24" Long, Deformed Straight Dowel For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	6.36 -1.55 -0.78	
03 21 11 00-0247 EA 1-1/8" Diameter x 24" Long, Deformed Straight Dowel For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	7.50 -1.91 -0.96	
03 21 11 00-0248 EA 1-1/4" Diameter x 24" Long, Deformed Straight Dowel For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	9.22 -2.50 -1.25	
03 21 11 00-0249 EA 1-3/8" Diameter x 24" Long, Deformed Straight Dowel For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	10.97 -3.09 -1.54	
03 21 11 00-0250 Spirals, Reinforcing Steel (03 21 11)		
03 21 11 00-0251 TON Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,970.45 184.11	
03 21 11 00-0252 TON >15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,934.07 184.11	
03 21 11 00-0253 TON >24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,934.07 184.11	
03 21 11 00-0254 TON >36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,860.96 184.11	
03 21 11 00-0255 TON >48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,799.60 184.11	
03 21 11 00-0256 TON >64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,799.30 188.64	
03 21 11 00-0257 TON >84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel For Grade 75, Add	3,747.93 188.64	
03 21 11 00-0258 Dowel Or Hairpin, Drilled And Epoxy Into Concrete (03 21 11)		
03 21 11 00-0259 EA Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment	21.84	
03 21 11 00-0260 EA Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	22.79	
03 21 11 00-0261 Accessories For Reinforcing Steel (03 21 11)		
03 21 11 00-0262 Reinforcing Steel Lap-Weld Splice (03 21 11 00-0261)		
03 21 11 00-0263 EA Up To #6 Reinforcing Steel Lap-Weld Splice	36.48	
03 21 11 00-0264 EA >#6 Reinforcing Steel Lap-Weld Splice	52.78	
03 21 11 00-0265 Reinforcing Steel Sleeve And Wedge Splice Joint (03 21 11 00-0261)		
03 21 11 00-0266 EA Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	26.87	
03 21 11 00-0267 EA #5 Reinforcing Steel, Sleeve And Wedge Splice Joint	38.98	
03 21 11 00-0268 EA #6 Reinforcing Steel, Sleeve And Wedge Splice Joint	55.93	
03 21 13 Galvanized Reinforcement Steel Bars (03 21)		
03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)		
Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002 LF #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.65	
03 21 13 00-0003 LF #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.09	
03 21 13 00-0004 LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.64	
03 21 13 00-0005 LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.27	
03 21 13 00-0006 LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.66	
03 21 13 00-0007 LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.11	
03 21 13 00-0008 LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.67	
03 21 13 00-0009 LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.30	
03 21 13 00-0010 LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.67	
03 21 13 00-0011 LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.14	
03 21 13 00-0012 LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.71	
03 21 13 00-0013 LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.36	
03 21 13 00-0014 LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.07	
03 21 13 00-0015 LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.83	
03 21 13 00-0016 LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.72	
03 21 13 00-0017 LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.78	
03 21 13 00-0018 LF #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.89	
03 21 13 00-0019 LF #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.56	
03 21 13 00-0020 LF #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	16.36	
03 21 13 00-0021 LF #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.42	
03 21 13 00-0022 LF #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.15	
03 21 13 00-0023 LF #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.94	
03 21 13 00-0024 LF #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.85	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.94
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.09
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	9.85
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	16.88

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.68
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.15
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.72
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.38
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.69
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.17
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.75
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.41
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.70
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.20
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.79
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.47
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.21
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.99
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.90
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.99
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.13
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	9.89
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	16.86
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	2.53
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.29
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.10
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.03
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.15
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	7.33
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.18
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	17.38

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.59
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.01
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.52
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.11
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.60
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.03
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.55
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.14
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.61
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.06
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.59
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.20
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.87
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.59
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.43
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.45
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.52
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.08
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	15.60
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.26
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.95
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.70
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.56
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.61
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.72
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.37
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	16.12

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.58
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.98
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.47
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.04
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.59
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.00
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.50
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.07
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.60
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.03
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.54



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.13	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.80	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.51	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.34	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.34	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.40	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.92	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	15.35	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.19	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.88	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.62	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.47	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.50	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.60	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.21	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	15.87	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.54	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.91	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.39	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.93	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.55	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.93	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.42	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.96	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.56	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.96	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.46	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.02	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.67	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.34	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.16	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.13	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.15	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.61	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	14.85	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.08	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.75	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.45	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.29	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.29	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.35	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.90	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	15.37	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.52	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.89	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.34	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.88	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.53	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.91	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.37	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.91	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.54	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.94	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.41	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.97	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.58	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.27	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.06	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.02	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.03	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.45	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	14.61	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.03	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.66	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.38	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.19	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.18	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.23	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.74	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	15.13	

03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.64
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.08
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.61
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.22
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.65
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.09
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.64
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.26
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.66
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.12
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.68
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.32
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.02
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.76
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.63
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.65
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.74
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.34
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	15.98
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.38
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.09
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.86
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.76
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.82
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.94
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.63
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.50

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.67
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.14
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.69
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.33
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.68
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.15
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.72
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.37
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.69
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.18
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.76
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.43
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.16
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.92
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.81
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.86
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	6.98
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.67
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	16.48
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	2.49
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.23
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.02
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.94
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.03
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	7.18
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	9.96
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	17.00

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.58
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.00
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.49
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.06
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.59
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.01
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.52
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.10
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.60
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.04
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.56
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.16
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.82
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.52
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.34
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.32
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.37



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	8.86	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	15.22	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.22	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.89	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.62	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.47	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.49	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.57	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	9.15	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	15.74	

03 21 16 00-0085

Slab On Grade, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.57	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.97	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.44	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.99	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.58	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.98	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.47	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.03	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.59	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.01	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.51	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.09	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.75	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.44	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.25	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.21	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.25	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.70	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	14.97	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.15	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.82	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.54	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.38	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.38	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.45	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.99	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	15.49	

03 21 16 00-0113

Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.53	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.90	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.36	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.88	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.54	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.91	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.39	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.92	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.55	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.94	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.43	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.98	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.62	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.27	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.07	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.00	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.00	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.39	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	14.47	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.04	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.69	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.37	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.20	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.17	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.20	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.68	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	14.99	

03 21 16 00-0141

Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.51	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.88	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.31	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.83	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.52	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.89
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.34
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.87
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.53
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.92
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.38
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.93
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.53
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.20
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.97
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.89
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.88
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	8.23
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	14.23
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	1.99
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.60
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.30
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.10
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.06
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	6.08
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	8.52
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	14.75

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels (03 21 16)

Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	2.78
		For Up To 12" Length, Deduct	-0.40
		For >12" To <24" Length, Deduct	-0.20
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	3.39
		For Up To 12" Length, Deduct	-0.61
		For >12" To <24" Length, Deduct	-0.31
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.25
		For Up To 12" Length, Deduct	-0.92
		For >12" To <24" Length, Deduct	-0.46
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.11
		For Up To 12" Length, Deduct	-1.22
		For >12" To <24" Length, Deduct	-0.61
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.39
		For Up To 12" Length, Deduct	-1.66
		For >12" To <24" Length, Deduct	-0.83
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	7.58
		For Up To 12" Length, Deduct	-2.04
		For >12" To <24" Length, Deduct	-1.02
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	9.02
		For Up To 12" Length, Deduct	-2.47
		For >12" To <24" Length, Deduct	-1.23
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	10.85
		For Up To 12" Length, Deduct	-2.99
		For >12" To <24" Length, Deduct	-1.49

03 22 Fabric and Grid Reinforcing (03 20)

03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.74
		For >5 Ton, Deduct	-0.11
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.85
		For >5 Ton, Deduct	-0.13
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.97
		For >5 Ton, Deduct	-0.14
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.16
		For >5 Ton, Deduct	-0.16
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.89
		For >5 Ton, Deduct	-0.13
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.01
		For >5 Ton, Deduct	-0.15
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.29
		For >5 Ton, Deduct	-0.18
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.50
		For >5 Ton, Deduct	-0.20
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.41
		For >5 Ton, Deduct	-0.18

03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)

Note: Includes bar chairs. Under 5 tons.



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Fabric and Grid Reinforcing	03 22	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....0.83 <i>For >5 Ton, Deduct</i>	-0.12	
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....0.96 <i>For >5 Ton, Deduct</i>	-0.14	
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....1.11 <i>For >5 Ton, Deduct</i>	-0.16	
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....1.35 <i>For >5 Ton, Deduct</i>	-0.18	
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....1.02 <i>For >5 Ton, Deduct</i>	-0.14	
03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....1.16 <i>For >5 Ton, Deduct</i>	-0.16	
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....1.53 <i>For >5 Ton, Deduct</i>	-0.20	
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....1.81 <i>For >5 Ton, Deduct</i>	-0.23	
03 22 13 00-0010		Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns (03 22 13) Note: Includes bar chairs. Under 5 tons.		
03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5).....2.90 <i>For >5 Ton, Deduct</i>	-0.45	
03 22 16		Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)		
03 22 16 00-0001		Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 16) Note: Includes bar chairs. Under 5 tons.		
03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....0.82 <i>For >5 Ton, Deduct</i>	-0.12	
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....0.94 <i>For >5 Ton, Deduct</i>	-0.14	
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....1.09 <i>For >5 Ton, Deduct</i>	-0.15	
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....1.33 <i>For >5 Ton, Deduct</i>	-0.18	
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....1.00 <i>For >5 Ton, Deduct</i>	-0.14	
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....1.14 <i>For >5 Ton, Deduct</i>	-0.16	
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....1.50 <i>For >5 Ton, Deduct</i>	-0.20	
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....1.77 <i>For >5 Ton, Deduct</i>	-0.23	
03 22 23		Stainless Steel Welded Wire Fabric Reinforcing (03 22) Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.		
03 22 23 00-0001		Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 23)		
03 22 23 00-0002	SF	6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs .....1.40		
03 22 23 00-0003	SF	4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs .....1.81		
03 30		Cast-In-Place Concrete (03)		
		See CSI section 01 74 19 00-0037 for hauling over 15 miles.		
03 30 53		Miscellaneous Cast-in-Place Concrete (03 30)		
03 30 53 00-0001		Place Concrete Thrust Blocks And Backfill (03 30 53)		
03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks .....219.62 <i>For 2,000 PSI Concrete, Deduct</i>	-8.04	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.02	
		<i>For 3,500 PSI Concrete, Add</i>	7.44	
		<i>For 3,750 PSI Concrete, Add</i>	10.12	
		<i>For 4,000 PSI Concrete, Add</i>	12.80	
		<i>For 4,500 PSI Concrete, Add</i>	14.89	
		<i>For 5,000 PSI Concrete, Add</i>	16.97	
		<i>For 6,000 PSI Concrete, Add</i>	40.19	
		<i>For White Cement Concrete, Add</i>	17.86	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.35	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.89	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	44.66	
		<i>For Up To 20, Add</i>	28.30	
		<i>For >20 To 50, Add</i>	10.61	
		<i>For >100 To 200, Deduct</i>	-4.39	
		<i>For >200 To 400, Deduct</i>	-8.78	
		<i>For >400, Deduct</i>	-13.18	

03 Concrete**03 30 Cast-In-Place Concrete****03 30 53 Miscellaneous Cast-in-Place Concrete**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 30 53 00-0003 Place Concrete Slurry (03 30 53)

03 30 53 00-0004	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry	167.71
Note: Two 94# sack cement per CY.			
03 30 53 00-0005	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry	161.46
Note: Two 94# sack cement per CY. Excludes pumping equipment.			

03 30 53 00-0006 Hand Mix And Place Concrete (03 30 53)

03 30 53 00-0007	CF	Hand Mix And Place Concrete	27.75
Note: For use where conventional equipment access is limited or when directed by the owner.			
		For 2,000 PSI Concrete, Deduct	-0.34
		For 2,500 PSI Concrete, Deduct	-0.17
		For 3,500 PSI Concrete, Add	0.32
		For 3,750 PSI Concrete, Add	0.43
		For 4,000 PSI Concrete, Add	0.55
		For 4,500 PSI Concrete, Add	0.64
		For 5,000 PSI Concrete, Add	0.73
		For 6,000 PSI Concrete, Add	1.72
		For White Cement Concrete, Add	0.76
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	0.83
		For High Early Strength, Type 3 ASTM C150, Add	0.64
		For Lightweight Aggregate, ASTM C330, Add	1.91

03 31 Structural Concrete (03 30)**03 31 13 Heavyweight Structural Concrete** (03 31)

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies (03 31 13)**03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies** (03 31 13 00-0001)

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.19
		For 2,000 PSI Concrete, Deduct	-0.19
		For 2,500 PSI Concrete, Deduct	-0.10
		For 3,500 PSI Concrete, Add	0.07
		For 4,000 PSI Concrete, Add	0.23
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40
		For Up To 500, Add	2.87
		For >500 To 1,000, Add	1.97
		For >1,000 To 2,000, Add	1.08
		For >2,000 To 5,000, Add	0.54
		For >10,000 To 20,000, Deduct	-0.18
		For >20,000 To 35,000, Deduct	-0.36
		For >35,000 To 50,000, Deduct	-0.54
		For >50,000 To 70,000, Deduct	-0.72
		For >70,000, Deduct	-0.90
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.86
		For 2,000 PSI Concrete, Deduct	-0.22
		For 2,500 PSI Concrete, Deduct	-0.11
		For 3,500 PSI Concrete, Add	0.08
		For 4,000 PSI Concrete, Add	0.26
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40
		For Up To 500, Add	3.07
		For >500 To 1,000, Add	2.12
		For >1,000 To 2,000, Add	1.16
		For >2,000 To 5,000, Add	0.58
		For >10,000 To 20,000, Deduct	-0.21
		For >20,000 To 35,000, Deduct	-0.40
		For >35,000 To 50,000, Deduct	-0.60
		For >50,000 To 70,000, Deduct	-0.80
		For >70,000, Deduct	-0.99



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.79	
		For 2,000 PSI Concrete, Deduct	-0.26	
		For 2,500 PSI Concrete, Deduct	-0.13	
		For 3,500 PSI Concrete, Add	0.09	
		For 4,000 PSI Concrete, Add	0.30	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
		For Up To 500, Add	3.35	
		For >500 To 1,000, Add	2.32	
		For >1,000 To 2,000, Add	1.28	
		For >2,000 To 5,000, Add	0.64	
		For >10,000 To 20,000, Deduct	-0.24	
		For >20,000 To 35,000, Deduct	-0.46	
		For >35,000 To 50,000, Deduct	-0.68	
		For >50,000 To 70,000, Deduct	-0.90	
		For >70,000, Deduct	-1.12	
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.69	
		For 2,000 PSI Concrete, Deduct	-0.30	
		For 2,500 PSI Concrete, Deduct	-0.15	
		For 3,500 PSI Concrete, Add	0.10	
		For 4,000 PSI Concrete, Add	0.35	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
		For Up To 500, Add	3.61	
		For >500 To 1,000, Add	2.50	
		For >1,000 To 2,000, Add	1.39	
		For >2,000 To 5,000, Add	0.69	
		For >10,000 To 20,000, Deduct	-0.28	
		For >20,000 To 35,000, Deduct	-0.52	
		For >35,000 To 50,000, Deduct	-0.76	
		For >50,000 To 70,000, Deduct	-1.00	
		For >70,000, Deduct	-1.25	
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	10.44	
		For 2,000 PSI Concrete, Deduct	-0.33	
		For 2,500 PSI Concrete, Deduct	-0.16	
		For 3,500 PSI Concrete, Add	0.12	
		For 4,000 PSI Concrete, Add	0.38	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
		For Up To 500, Add	3.82	
		For >500 To 1,000, Add	2.65	
		For >1,000 To 2,000, Add	1.48	
		For >2,000 To 5,000, Add	0.74	
		For >10,000 To 20,000, Deduct	-0.31	
		For >20,000 To 35,000, Deduct	-0.57	
		For >35,000 To 50,000, Deduct	-0.83	
		For >50,000 To 70,000, Deduct	-1.09	
		For >70,000, Deduct	-1.35	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	12.38	
		For 2,000 PSI Concrete, Deduct	-0.42	
		For 2,500 PSI Concrete, Deduct	-0.21	
		For 3,500 PSI Concrete, Add	0.15	
		For 4,000 PSI Concrete, Add	0.49	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
		For Up To 500, Add	4.34	
		For >500 To 1,000, Add	3.02	
		For >1,000 To 2,000, Add	1.70	
		For >2,000 To 5,000, Add	0.85	
		For >10,000 To 20,000, Deduct	-0.39	
		For >20,000 To 35,000, Deduct	-0.70	
		For >35,000 To 50,000, Deduct	-1.01	
		For >50,000 To 70,000, Deduct	-1.31	
		For >70,000, Deduct	-1.62	
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	13.90	
		For 2,000 PSI Concrete, Deduct	-0.48	
		For 2,500 PSI Concrete, Deduct	-0.24	
		For 3,500 PSI Concrete, Add	0.17	
		For 4,000 PSI Concrete, Add	0.56	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
		For Up To 500, Add	4.78	
		For >500 To 1,000, Add	3.34	
		For >1,000 To 2,000, Add	1.89	
		For >2,000 To 5,000, Add	0.95	
		For >10,000 To 20,000, Deduct	-0.45	
		For >20,000 To 35,000, Deduct	-0.79	
		For >35,000 To 50,000, Deduct	-1.14	
		For >50,000 To 70,000, Deduct	-1.49	
		For >70,000, Deduct	-1.84	
03 31 13 00-0010		Concrete Delivery And Placement ^(03 31 13)		
		Note: Includes cleaning out equipment and standard concrete placement tests.		
03 31 13 00-0011		Place Concrete By Method Indicated ^(03 31 13 00-0010)		
		Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0012 Place Concrete Pile Caps (03 31 13 00-0011)		
03 31 13 00-0013	CY Crane And Bucket, Place 3,000 PSI Concrete Pile Caps.....	265.47
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	46.64
	For >20 To 50, Add	17.49
	For >100 To 200, Deduct	-5.31
	For >200 To 400, Deduct	-10.62
	For >400, Deduct	-15.93
03 31 13 00-0014	CY Direct Chute, Place 3,000 PSI Concrete Pile Caps.....	200.88
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	20.81
	For >20 To 50, Add	7.80
	For >100 To 200, Deduct	-4.02
	For >200 To 400, Deduct	-8.04
	For >400, Deduct	-12.05
03 31 13 00-0015	CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps.....	210.81
	Note: Excludes pumping equipment.	
	For 2,000 PSI Concrete, Deduct	-8.71
	For 2,500 PSI Concrete, Deduct	-4.35
	For 3,500 PSI Concrete, Add	8.06
	For 3,750 PSI Concrete, Add	10.97
	For 4,000 PSI Concrete, Add	13.87
	For 4,500 PSI Concrete, Add	16.13
	For 5,000 PSI Concrete, Add	18.38
	For 6,000 PSI Concrete, Add	43.54
	For White Cement Concrete, Add	19.35
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96
	For High Early Strength, Type 3 ASTM C150, Add	16.13
	For Lightweight Aggregate, ASTM C330, Add	48.38
	For Up To 20, Add	19.82
	For >20 To 50, Add	7.43
	For >100 To 200, Deduct	-4.22
	For >200 To 400, Deduct	-8.43
	For >400, Deduct	-12.65
03 31 13 00-0016 Place Concrete Continuous Footings (03 31 13 00-0011)		
03 31 13 00-0017	CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	252.51
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	41.46
	For >20 To 50, Add	15.55
	For >100 To 200, Deduct	-5.05
	For >200 To 400, Deduct	-10.10
	For >400, Deduct	-15.15



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0018	CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings	195.11		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	18.50		
	For >20 To 50, Add	6.94		
	For >100 To 200, Deduct	-3.90		
	For >200 To 400, Deduct	-7.80		
	For >400, Deduct	-11.71		
03 31 13 00-0019	CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings	205.30		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	17.62		
	For >20 To 50, Add	6.61		
	For >100 To 200, Deduct	-4.11		
	For >200 To 400, Deduct	-8.21		
	For >400, Deduct	-12.32		
03 31 13 00-0020	Place Concrete Spread Footings (03 31 13 00-0018)			
03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	323.77		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	69.96		
	For >20 To 50, Add	26.24		
	For >100 To 200, Deduct	-6.48		
	For >200 To 400, Deduct	-12.95		
	For >400, Deduct	-19.43		
03 31 13 00-0022	CY Direct Chute, Place 3,000 PSI Concrete Spread Footings	226.91		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	31.22		
	For >20 To 50, Add	11.71		
	For >100 To 200, Deduct	-4.54		
	For >200 To 400, Deduct	-9.08		
	For >400, Deduct	-13.61		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0023	CY		Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	235.59	
			For 2,000 PSI Concrete, Deduct	-8.71	
			For 2,500 PSI Concrete, Deduct	-4.35	
			For 3,500 PSI Concrete, Add	8.06	
			For 3,750 PSI Concrete, Add	10.97	
			For 4,000 PSI Concrete, Add	13.87	
			For 4,500 PSI Concrete, Add	16.13	
			For 5,000 PSI Concrete, Add	18.38	
			For 6,000 PSI Concrete, Add	43.54	
			For White Cement Concrete, Add	19.35	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96	
			For High Early Strength, Type 3 ASTM C150, Add	16.13	
			For Lightweight Aggregate, ASTM C330, Add	48.38	
			For Up To 20, Add	29.73	
			For >20 To 50, Add	11.15	
			For >100 To 200, Deduct	-4.71	
			For >200 To 400, Deduct	-9.42	
			For >400, Deduct	-14.14	
03 31 13 00-0024			Place Concrete Mat Foundation (03 31 13 00-0011)		
03 31 13 00-0025	CY		Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	179.96 -8.04 -4.02 7.44 10.12 12.80 14.89 16.97 40.19 17.86 19.35 14.89 44.66 12.44 4.67 -3.60 -7.20 -10.80	
03 31 13 00-0026	CY		Direct Chute, Place 3,000 PSI Concrete Mat Foundation For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	162.73 -8.04 -4.02 7.44 10.12 12.80 14.89 16.97 40.19 17.86 19.35 14.89 44.66 5.55 2.08 -3.25 -6.51 -9.76	
03 31 13 00-0027	CY		Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment. For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	172.82 -8.71 -4.35 8.06 10.97 13.87 16.13 18.38 43.54 19.35 20.96 16.13 48.38 4.62 1.73 -3.46 -6.91 -10.37	
03 31 13 00-0028			Place Concrete Grade Beams (03 31 13 00-0011)		



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0029	CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....	231.78		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	33.17		
	For >20 To 50, Add	12.44		
	For >100 To 200, Deduct	-4.64		
	For >200 To 400, Deduct	-9.27		
	For >400, Deduct	-13.91		
03 31 13 00-0030	CY Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	185.85		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	14.80		
	For >20 To 50, Add	5.55		
	For >100 To 200, Deduct	-3.72		
	For >200 To 400, Deduct	-7.43		
	For >400, Deduct	-11.15		
03 31 13 00-0031	CY Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	196.50		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	14.10		
	For >20 To 50, Add	5.29		
	For >100 To 200, Deduct	-3.93		
	For >200 To 400, Deduct	-7.86		
	For >400, Deduct	-11.79		
03 31 13 00-0032	Place Concrete Slab On Grade (03 31 13 00-0011)			
03 31 13 00-0033	CY Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	233.73		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	33.95		
	For >20 To 50, Add	12.73		
	For >100 To 200, Deduct	-4.67		
	For >200 To 400, Deduct	-9.35		
	For >400, Deduct	-14.02		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	213.26	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	25.76	
		For >20 To 50, Add	9.66	
		For >100 To 200, Deduct	-4.27	
		For >200 To 400, Deduct	-8.53	
		For >400, Deduct	-12.80	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	186.72	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	15.14	
		For >20 To 50, Add	5.68	
		For >100 To 200, Deduct	-3.73	
		For >200 To 400, Deduct	-7.47	
		For >400, Deduct	-11.20	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	177.59	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	11.49	
		For >20 To 50, Add	4.31	
		For >100 To 200, Deduct	-3.55	
		For >200 To 400, Deduct	-7.10	
		For >400, Deduct	-10.66	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	192.82	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.71	
		For 2,500 PSI Concrete, Deduct	-4.35	
		For 3,500 PSI Concrete, Add	8.06	
		For 3,750 PSI Concrete, Add	10.97	
		For 4,000 PSI Concrete, Add	13.87	
		For 4,500 PSI Concrete, Add	16.13	
		For 5,000 PSI Concrete, Add	18.38	
		For 6,000 PSI Concrete, Add	43.54	
		For White Cement Concrete, Add	19.35	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96	
		For High Early Strength, Type 3 ASTM C150, Add	16.13	
		For Lightweight Aggregate, ASTM C330, Add	48.38	
		For Up To 20, Add	12.62	
		For >20 To 50, Add	4.73	
		For >100 To 200, Deduct	-3.86	
		For >200 To 400, Deduct	-7.71	
		For >400, Deduct	-11.57	



Concrete			03
Cast-In-Place Concrete			03 30
Structural Concrete			03 31

CS

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....		185.20
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct		-8.71
		For 2,500 PSI Concrete, Deduct		-4.35
		For 3,500 PSI Concrete, Add		8.06
		For 3,750 PSI Concrete, Add		10.97
		For 4,000 PSI Concrete, Add		13.87
		For 4,500 PSI Concrete, Add		16.13
		For 5,000 PSI Concrete, Add		18.38
		For 6,000 PSI Concrete, Add		43.54
		For White Cement Concrete, Add		19.35
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		20.96
		For High Early Strength, Type 3 ASTM C150, Add		16.13
		For Lightweight Aggregate, ASTM C330, Add		48.38
		For Up To 20, Add		9.58
		For >20 To 50, Add		3.59
		For >100 To 200, Deduct		-3.70
		For >200 To 400, Deduct		-7.41
		For >400, Deduct		-11.11
03 31 13 00-0039		Place Concrete Duct Bank (03 31 13 00-0011)		
03 31 13 00-0040	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank		180.20
		For 2,000 PSI Concrete, Deduct		-8.04
		For 2,500 PSI Concrete, Deduct		-4.02
		For 3,500 PSI Concrete, Add		7.44
		For 3,750 PSI Concrete, Add		10.12
		For 4,000 PSI Concrete, Add		12.80
		For 4,500 PSI Concrete, Add		14.89
		For 5,000 PSI Concrete, Add		16.97
		For 6,000 PSI Concrete, Add		40.19
		For White Cement Concrete, Add		17.86
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.35
		For High Early Strength, Type 3 ASTM C150, Add		14.89
		For Lightweight Aggregate, ASTM C330, Add		44.66
		For Up To 20, Add		12.54
		For >20 To 50, Add		4.70
		For >100 To 200, Deduct		-3.60
		For >200 To 400, Deduct		-7.21
		For >400, Deduct		-10.81
03 31 13 00-0041		Place Concrete Stairs (03 31 13 00-0011)		
03 31 13 00-0042	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs		530.71
		For 2,000 PSI Concrete, Deduct		-8.04
		For 2,500 PSI Concrete, Deduct		-4.02
		For 3,500 PSI Concrete, Add		7.44
		For 3,750 PSI Concrete, Add		10.12
		For 4,000 PSI Concrete, Add		12.80
		For 4,500 PSI Concrete, Add		14.89
		For 5,000 PSI Concrete, Add		16.97
		For 6,000 PSI Concrete, Add		40.19
		For White Cement Concrete, Add		17.86
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.35
		For High Early Strength, Type 3 ASTM C150, Add		14.89
		For Lightweight Aggregate, ASTM C330, Add		44.66
		For Up To 20, Add		152.74
		For >20 To 50, Add		57.28
		For >100 To 200, Deduct		-10.61
		For >200 To 400, Deduct		-21.23
		For >400, Deduct		-31.84
03 31 13 00-0043	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs		319.27
		For 2,000 PSI Concrete, Deduct		-8.04
		For 2,500 PSI Concrete, Deduct		-4.02
		For 3,500 PSI Concrete, Add		7.44
		For 3,750 PSI Concrete, Add		10.12
		For 4,000 PSI Concrete, Add		12.80
		For 4,500 PSI Concrete, Add		14.89
		For 5,000 PSI Concrete, Add		16.97
		For 6,000 PSI Concrete, Add		40.19
		For White Cement Concrete, Add		17.86
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.35
		For High Early Strength, Type 3 ASTM C150, Add		14.89
		For Lightweight Aggregate, ASTM C330, Add		44.66
		For Up To 20, Add		68.16
		For >20 To 50, Add		25.56
		For >100 To 200, Deduct		-6.39
		For >200 To 400, Deduct		-12.77
		For >400, Deduct		-19.16

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0044	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs	303.28		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.71		
		For 2,500 PSI Concrete, Deduct	-4.35		
		For 3,500 PSI Concrete, Add	8.06		
		For 3,750 PSI Concrete, Add	10.97		
		For 4,000 PSI Concrete, Add	13.87		
		For 4,500 PSI Concrete, Add	16.13		
		For 5,000 PSI Concrete, Add	18.38		
		For 6,000 PSI Concrete, Add	43.54		
		For White Cement Concrete, Add	19.35		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
		For High Early Strength, Type 3 ASTM C150, Add	16.13		
		For Lightweight Aggregate, ASTM C330, Add	48.38		
		For Up To 20, Add	56.81		
		For >20 To 50, Add	21.30		
		For >100 To 200, Deduct	-6.07		
		For >200 To 400, Deduct	-12.13		
		For >400, Deduct	-18.20		
03 31 13 00-0045		Place Concrete Superstructure By Method Indicated (03 31 13 00-0010)			
		See CSI section 03 37 16 00-0001 for concrete pump truck.			
03 31 13 00-0046		Place Elevated Concrete Beams (03 31 13 00-0045)			
03 31 13 00-0047	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	356.17		
		For 2,000 PSI Concrete, Deduct	-8.04		
		For 2,500 PSI Concrete, Deduct	-4.02		
		For 3,500 PSI Concrete, Add	7.44		
		For 3,750 PSI Concrete, Add	10.12		
		For 4,000 PSI Concrete, Add	12.80		
		For 4,500 PSI Concrete, Add	14.89		
		For 5,000 PSI Concrete, Add	16.97		
		For 6,000 PSI Concrete, Add	40.19		
		For White Cement Concrete, Add	17.86		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
		For High Early Strength, Type 3 ASTM C150, Add	14.89		
		For Lightweight Aggregate, ASTM C330, Add	44.66		
		For Up To 20, Add	82.92		
		For >20 To 50, Add	31.10		
		For >100 To 200, Deduct	-7.12		
		For >200 To 400, Deduct	-14.25		
		For >400, Deduct	-21.37		
03 31 13 00-0048	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams	249.35		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.71		
		For 2,500 PSI Concrete, Deduct	-4.35		
		For 3,500 PSI Concrete, Add	8.06		
		For 3,750 PSI Concrete, Add	10.97		
		For 4,000 PSI Concrete, Add	13.87		
		For 4,500 PSI Concrete, Add	16.13		
		For 5,000 PSI Concrete, Add	18.38		
		For 6,000 PSI Concrete, Add	43.54		
		For White Cement Concrete, Add	19.35		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
		For High Early Strength, Type 3 ASTM C150, Add	16.13		
		For Lightweight Aggregate, ASTM C330, Add	48.38		
		For Up To 20, Add	35.24		
		For >20 To 50, Add	13.21		
		For >100 To 200, Deduct	-4.99		
		For >200 To 400, Deduct	-9.97		
		For >400, Deduct	-14.96		
03 31 13 00-0049		Place Elevated Concrete Slab (03 31 13 00-0045)			
03 31 13 00-0050	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	246.46		
		For 2,000 PSI Concrete, Deduct	-8.04		
		For 2,500 PSI Concrete, Deduct	-4.02		
		For 3,500 PSI Concrete, Add	7.44		
		For 3,750 PSI Concrete, Add	10.12		
		For 4,000 PSI Concrete, Add	12.80		
		For 4,500 PSI Concrete, Add	14.89		
		For 5,000 PSI Concrete, Add	16.97		
		For 6,000 PSI Concrete, Add	40.19		
		For White Cement Concrete, Add	17.86		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
		For High Early Strength, Type 3 ASTM C150, Add	14.89		
		For Lightweight Aggregate, ASTM C330, Add	44.66		
		For Up To 20, Add	39.04		
		For >20 To 50, Add	14.64		
		For >100 To 200, Deduct	-4.93		
		For >200 To 400, Deduct	-9.86		
		For >400, Deduct	-14.79		



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0051	CY >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab		222.91	
	For 2,000 PSI Concrete, Deduct		-8.04	
	For 2,500 PSI Concrete, Deduct		-4.02	
	For 3,500 PSI Concrete, Add		7.44	
	For 3,750 PSI Concrete, Add		10.12	
	For 4,000 PSI Concrete, Add		12.80	
	For 4,500 PSI Concrete, Add		14.89	
	For 5,000 PSI Concrete, Add		16.97	
	For 6,000 PSI Concrete, Add		40.19	
	For White Cement Concrete, Add		17.86	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.35	
	For High Early Strength, Type 3 ASTM C150, Add		14.89	
	For Lightweight Aggregate, ASTM C330, Add		44.66	
	For Up To 20, Add		29.62	
	For >20 To 50, Add		11.11	
	For >100 To 200, Deduct		-4.46	
	For >200 To 400, Deduct		-9.92	
	For >400, Deduct		-13.37	
03 31 13 00-0052	CY Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab		202.74	
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct		-8.71	
	For 2,500 PSI Concrete, Deduct		-4.35	
	For 3,500 PSI Concrete, Add		8.06	
	For 3,750 PSI Concrete, Add		10.97	
	For 4,000 PSI Concrete, Add		13.87	
	For 4,500 PSI Concrete, Add		16.13	
	For 5,000 PSI Concrete, Add		18.38	
	For 6,000 PSI Concrete, Add		43.54	
	For White Cement Concrete, Add		19.35	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		20.96	
	For High Early Strength, Type 3 ASTM C150, Add		16.13	
	For Lightweight Aggregate, ASTM C330, Add		48.38	
	For Up To 20, Add		16.59	
	For >20 To 50, Add		6.22	
	For >100 To 200, Deduct		-4.05	
	For >200 To 400, Deduct		-8.11	
	For >400, Deduct		-12.16	
03 31 13 00-0053	CY >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab		192.73	
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct		-8.71	
	For 2,500 PSI Concrete, Deduct		-4.35	
	For 3,500 PSI Concrete, Add		8.06	
	For 3,750 PSI Concrete, Add		10.97	
	For 4,000 PSI Concrete, Add		13.87	
	For 4,500 PSI Concrete, Add		16.13	
	For 5,000 PSI Concrete, Add		18.38	
	For 6,000 PSI Concrete, Add		43.54	
	For White Cement Concrete, Add		19.35	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		20.96	
	For High Early Strength, Type 3 ASTM C150, Add		16.13	
	For Lightweight Aggregate, ASTM C330, Add		48.38	
	For Up To 20, Add		12.59	
	For >20 To 50, Add		4.72	
	For >100 To 200, Deduct		-3.85	
	For >200 To 400, Deduct		-7.71	
	For >400, Deduct		-11.56	
03 31 13 00-0054	Place Concrete Columns (03 31 13 00-0045)		372.75	
03 31 13 00-0055	CY 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns			
	For 2,000 PSI Concrete, Deduct		-8.04	
	For 2,500 PSI Concrete, Deduct		-4.02	
	For 3,500 PSI Concrete, Add		7.44	
	For 3,750 PSI Concrete, Add		10.12	
	For 4,000 PSI Concrete, Add		12.80	
	For 4,500 PSI Concrete, Add		14.89	
	For 5,000 PSI Concrete, Add		16.97	
	For 6,000 PSI Concrete, Add		40.19	
	For White Cement Concrete, Add		17.86	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.35	
	For High Early Strength, Type 3 ASTM C150, Add		14.89	
	For Lightweight Aggregate, ASTM C330, Add		44.66	
	For Up To 20, Add		89.56	
	For >20 To 50, Add		33.58	
	For >100 To 200, Deduct		-7.46	
	For >200 To 400, Deduct		-14.91	
	For >400, Deduct		-22.37	

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0056	CY		18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	311.59	
			For 2,000 PSI Concrete, Deduct	-8.04	
			For 2,500 PSI Concrete, Deduct	-4.02	
			For 3,500 PSI Concrete, Add	7.44	
			For 3,750 PSI Concrete, Add	10.12	
			For 4,000 PSI Concrete, Add	12.80	
			For 4,500 PSI Concrete, Add	14.89	
			For 5,000 PSI Concrete, Add	16.97	
			For 6,000 PSI Concrete, Add	40.19	
			For White Cement Concrete, Add	17.86	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
			For High Early Strength, Type 3 ASTM C150, Add	14.89	
			For Lightweight Aggregate, ASTM C330, Add	44.66	
			For Up To 20, Add	65.09	
			For >20 To 50, Add	24.41	
			For >100 To 200, Deduct	-6.23	
			For >200 To 400, Deduct	-12.46	
			For >400, Deduct	-18.70	
03 31 13 00-0057	CY		24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	267.85	
			For 2,000 PSI Concrete, Deduct	-8.04	
			For 2,500 PSI Concrete, Deduct	-4.02	
			For 3,500 PSI Concrete, Add	7.44	
			For 3,750 PSI Concrete, Add	10.12	
			For 4,000 PSI Concrete, Add	12.80	
			For 4,500 PSI Concrete, Add	14.89	
			For 5,000 PSI Concrete, Add	16.97	
			For 6,000 PSI Concrete, Add	40.19	
			For White Cement Concrete, Add	17.86	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
			For High Early Strength, Type 3 ASTM C150, Add	14.89	
			For Lightweight Aggregate, ASTM C330, Add	44.66	
			For Up To 20, Add	47.60	
			For >20 To 50, Add	17.85	
			For >100 To 200, Deduct	-5.36	
			For >200 To 400, Deduct	-10.71	
			For >400, Deduct	-16.07	
03 31 13 00-0058	CY		36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	248.36	
			For 2,000 PSI Concrete, Deduct	-8.04	
			For 2,500 PSI Concrete, Deduct	-4.02	
			For 3,500 PSI Concrete, Add	7.44	
			For 3,750 PSI Concrete, Add	10.12	
			For 4,000 PSI Concrete, Add	12.80	
			For 4,500 PSI Concrete, Add	14.89	
			For 5,000 PSI Concrete, Add	16.97	
			For 6,000 PSI Concrete, Add	40.19	
			For White Cement Concrete, Add	17.86	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
			For High Early Strength, Type 3 ASTM C150, Add	14.89	
			For Lightweight Aggregate, ASTM C330, Add	44.66	
			For Up To 20, Add	39.80	
			For >20 To 50, Add	14.93	
			For >100 To 200, Deduct	-4.97	
			For >200 To 400, Deduct	-9.93	
			For >400, Deduct	-14.90	
03 31 13 00-0059	CY		12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns.....	256.40	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.71	
			For 2,500 PSI Concrete, Deduct	-4.35	
			For 3,500 PSI Concrete, Add	8.06	
			For 3,750 PSI Concrete, Add	10.97	
			For 4,000 PSI Concrete, Add	13.87	
			For 4,500 PSI Concrete, Add	16.13	
			For 5,000 PSI Concrete, Add	18.38	
			For 6,000 PSI Concrete, Add	43.54	
			For White Cement Concrete, Add	19.35	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96	
			For High Early Strength, Type 3 ASTM C150, Add	16.13	
			For Lightweight Aggregate, ASTM C330, Add	48.38	
			For Up To 20, Add	38.06	
			For >20 To 50, Add	14.27	
			For >100 To 200, Deduct	-5.13	
			For >200 To 400, Deduct	-10.26	
			For >400, Deduct	-15.38	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0060	CY 18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	230.41		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	27.66		
	For >20 To 50, Add	10.37		
	For >100 To 200, Deduct	-4.61		
	For >200 To 400, Deduct	-9.22		
	For >400, Deduct	-13.82		
03 31 13 00-0061	CY 24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	211.83		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	20.23		
	For >20 To 50, Add	7.59		
	For >100 To 200, Deduct	-4.24		
	For >200 To 400, Deduct	-8.47		
	For >400, Deduct	-12.71		
03 31 13 00-0062	CY 36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	203.54		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	16.91		
	For >20 To 50, Add	6.34		
	For >100 To 200, Deduct	-4.07		
	For >200 To 400, Deduct	-8.14		
	For >400, Deduct	-12.21		
03 31 13 00-0063	Place Concrete Walls (03 31 13 00-0045)			
03 31 13 00-0064	CY 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	358.75		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	83.96		
	For >20 To 50, Add	31.48		
	For >100 To 200, Deduct	-7.18		
	For >200 To 400, Deduct	-14.35		
	For >400, Deduct	-21.53		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0065	CY 12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	341.35
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	77.00
	For >20 To 50, Add	28.87
	For >100 To 200, Deduct	-6.83
	For >200 To 400, Deduct	-13.65
	For >400, Deduct	-20.48
03 31 13 00-0066	CY 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	295.79
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	58.77
	For >20 To 50, Add	22.04
	For >100 To 200, Deduct	-5.92
	For >200 To 400, Deduct	-11.83
	For >400, Deduct	-17.75
03 31 13 00-0067	CY 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	242.51
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	37.46
	For >20 To 50, Add	14.05
	For >100 To 200, Deduct	-4.85
	For >200 To 400, Deduct	-9.70
	For >400, Deduct	-14.55
03 31 13 00-0068	CY 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	223.78
	For 2,000 PSI Concrete, Deduct	-8.04
	For 2,500 PSI Concrete, Deduct	-4.02
	For 3,500 PSI Concrete, Add	7.44
	For 3,750 PSI Concrete, Add	10.12
	For 4,000 PSI Concrete, Add	12.80
	For 4,500 PSI Concrete, Add	14.89
	For 5,000 PSI Concrete, Add	16.97
	For 6,000 PSI Concrete, Add	40.19
	For White Cement Concrete, Add	17.86
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35
	For High Early Strength, Type 3 ASTM C150, Add	14.89
	For Lightweight Aggregate, ASTM C330, Add	44.66
	For Up To 20, Add	29.97
	For >20 To 50, Add	11.24
	For >100 To 200, Deduct	-4.48
	For >200 To 400, Deduct	-8.95
	For >400, Deduct	-13.43



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0069	CY 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	214.42		
	For 2,000 PSI Concrete, Deduct	-8.04		
	For 2,500 PSI Concrete, Deduct	-4.02		
	For 3,500 PSI Concrete, Add	7.44		
	For 3,750 PSI Concrete, Add	10.12		
	For 4,000 PSI Concrete, Add	12.80		
	For 4,500 PSI Concrete, Add	14.89		
	For 5,000 PSI Concrete, Add	16.97		
	For 6,000 PSI Concrete, Add	40.19		
	For White Cement Concrete, Add	17.86		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35		
	For High Early Strength, Type 3 ASTM C150, Add	14.89		
	For Lightweight Aggregate, ASTM C330, Add	44.66		
	For Up To 20, Add	26.22		
	For >20 To 50, Add	9.83		
	For >100 To 200, Deduct	-4.29		
	For >200 To 400, Deduct	-9.58		
	For >400, Deduct	-12.87		
03 31 13 00-0070	CY 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	250.45		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	35.68		
	For >20 To 50, Add	13.38		
	For >100 To 200, Deduct	-5.01		
	For >200 To 400, Deduct	-10.02		
	For >400, Deduct	-15.03		
03 31 13 00-0071	CY 12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	232.61		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	28.54		
	For >20 To 50, Add	10.70		
	For >100 To 200, Deduct	-4.65		
	For >200 To 400, Deduct	-9.30		
	For >400, Deduct	-13.96		
03 31 13 00-0072	CY 15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	223.70		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.71		
	For 2,500 PSI Concrete, Deduct	-4.35		
	For 3,500 PSI Concrete, Add	8.06		
	For 3,750 PSI Concrete, Add	10.97		
	For 4,000 PSI Concrete, Add	13.87		
	For 4,500 PSI Concrete, Add	16.13		
	For 5,000 PSI Concrete, Add	18.38		
	For 6,000 PSI Concrete, Add	43.54		
	For White Cement Concrete, Add	19.35		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96		
	For High Early Strength, Type 3 ASTM C150, Add	16.13		
	For Lightweight Aggregate, ASTM C330, Add	48.38		
	For Up To 20, Add	24.98		
	For >20 To 50, Add	9.37		
	For >100 To 200, Deduct	-4.47		
	For >200 To 400, Deduct	-8.95		
	For >400, Deduct	-13.42		

03 31 13 00-0073 Place Elevated Concrete Stairs (03 31 13 00-0045)

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0074	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs.....	573.19	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	169.73	
		For >20 To 50, Add	63.65	
		For >100 To 200, Deduct	-11.46	
		For >200 To 400, Deduct	-22.93	
		For >400, Deduct	-34.39	
03 31 13 00-0075	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	338.19	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	75.73	
		For >20 To 50, Add	28.40	
		For >100 To 200, Deduct	-6.76	
		For >200 To 400, Deduct	-13.53	
		For >400, Deduct	-20.29	
03 31 13 00-0076	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	319.04	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.71	
		For 2,500 PSI Concrete, Deduct	-4.35	
		For 3,500 PSI Concrete, Add	8.06	
		For 3,750 PSI Concrete, Add	10.97	
		For 4,000 PSI Concrete, Add	13.87	
		For 4,500 PSI Concrete, Add	16.13	
		For 5,000 PSI Concrete, Add	18.38	
		For 6,000 PSI Concrete, Add	43.54	
		For White Cement Concrete, Add	19.35	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96	
		For High Early Strength, Type 3 ASTM C150, Add	16.13	
		For Lightweight Aggregate, ASTM C330, Add	48.38	
		For Up To 20, Add	63.11	
		For >20 To 50, Add	23.67	
		For >100 To 200, Deduct	-6.38	
		For >200 To 400, Deduct	-12.76	
		For >400, Deduct	-19.14	
03 31 13 00-0077		Place Concrete Coping (03 31 13 00-0045)		
03 31 13 00-0078	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping.....	587.86	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	175.60	
		For >20 To 50, Add	65.85	
		For >100 To 200, Deduct	-11.76	
		For >200 To 400, Deduct	-23.51	
		For >400, Deduct	-35.27	



Concrete			03	CS
Cast-In-Place Concrete			03 30	
Structural Concrete			03 31	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
03 31 13 00-0079	CY	Direct Chute, Place 3,000 PSI Concrete Coping.....	336.92	
		For 2,000 PSI Concrete, Deduct	-8.04	
		For 2,500 PSI Concrete, Deduct	-4.02	
		For 3,500 PSI Concrete, Add	7.44	
		For 3,750 PSI Concrete, Add	10.12	
		For 4,000 PSI Concrete, Add	12.80	
		For 4,500 PSI Concrete, Add	14.89	
		For 5,000 PSI Concrete, Add	16.97	
		For 6,000 PSI Concrete, Add	40.19	
		For White Cement Concrete, Add	17.86	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.35	
		For High Early Strength, Type 3 ASTM C150, Add	14.89	
		For Lightweight Aggregate, ASTM C330, Add	44.66	
		For Up To 20, Add	75.22	
		For >20 To 50, Add	28.21	
		For >100 To 200, Deduct	-6.74	
		For >200 To 400, Deduct	-13.48	
		For >400, Deduct	-20.22	
03 31 13 00-0080	CY	Concrete Pump, Place 3,000 PSI Concrete Coping.....	446.10	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.71	
		For 2,500 PSI Concrete, Deduct	-4.35	
		For 3,500 PSI Concrete, Add	8.06	
		For 3,750 PSI Concrete, Add	10.97	
		For 4,000 PSI Concrete, Add	13.87	
		For 4,500 PSI Concrete, Add	16.13	
		For 5,000 PSI Concrete, Add	18.38	
		For 6,000 PSI Concrete, Add	43.54	
		For White Cement Concrete, Add	19.35	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.96	
		For High Early Strength, Type 3 ASTM C150, Add	16.13	
		For Lightweight Aggregate, ASTM C330, Add	48.38	
		For Up To 20, Add	113.94	
		For >20 To 50, Add	42.73	
		For >100 To 200, Deduct	-8.92	
		For >200 To 400, Deduct	-17.84	
		For >400, Deduct	-26.77	
03 31 13 00-0081		Concrete Carts (03 31 13 00-0010)		
		Note: Used to place concrete were necessary.		
03 31 13 00-0082	CY	50' Haul, Non Motorized, Concrete Buggy	22.97	
03 31 13 00-0083	CY	150' Haul, Non Motorized, Concrete Buggy	30.76	
03 31 13 00-0084	CY	250' Haul, Non Motorized, Concrete Buggy	41.02	
03 31 13 00-0085	CY	50' Haul, Motorized, Concrete Buggy	10.30	
03 31 13 00-0086	CY	150' Haul, Motorized, Concrete Buggy	13.81	
03 31 13 00-0087	CY	250' Haul, Motorized, Concrete Buggy	18.40	
03 31 13 00-0088		Delivery Fee For Small Purchases (03 31 13)		
03 31 13 00-0089	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	21.17	
		Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.		
03 31 13 00-0090		Equipment Pads (03 31 13)		
03 31 13 00-0091		Small Concrete Equipment Housekeeping Pad Assemblies (03 31 13 00-0090)		
		Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0092	SF	4" Equipment Pad With Welded Wire Reinforcement	16.75	
		For >5 To 20 Pads, Deduct	-2.00	
		For >20 To 50 Pads, Deduct	-3.66	
		For >50 Pads, Deduct	-5.32	
03 31 13 00-0093	SF	4" Equipment Pad With Rebar	20.31	
		For >5 To 20 Pads, Deduct	-2.30	
		For >20 To 50 Pads, Deduct	-4.22	
		For >50 Pads, Deduct	-6.14	
03 31 13 00-0094	SF	6" Equipment Pad With Rebar	25.80	
		For >5 To 20 Pads, Deduct	-2.90	
		For >20 To 50 Pads, Deduct	-5.31	
		For >50 Pads, Deduct	-7.72	
03 31 13 00-0095	SF	8" Equipment Pad With Rebar	32.59	
		For >5 To 20 Pads, Deduct	-3.68	
		For >20 To 50 Pads, Deduct	-6.75	
		For >50 Pads, Deduct	-9.81	
03 31 16		Lightweight Structural Concrete (03 31)		
03 31 16 00-0001		Low Density Cellular / Foam Concrete Fill (03 31 16)		
03 31 16 00-0002	CY	Lightweight Low Density Cellular/Foam Concrete, 100 To 120 PCF Density Range	198.22	
03 35		Concrete Finishing (03 30)		

03 Concrete**03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 35 13 High-Tolerance Concrete Floor Finishing (03 35)**03 35 13 00-0001 Floor Finishes (03 35 13)**

Note: Task is for final finish type and includes all required prior finishes.

03 35 13 00-0002	SF	Screed, Concrete Floor Finish.....	0.87
		For Up To 100, Add	1.74
		For >100 To 250, Add	0.44
		For >250 To 500, Add	0.22
		For >5,000 To 10,000, Deduct	-0.04
		For >10,000, Deduct	-0.09
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.05
		For Up To 100, Add	2.10
		For >100 To 250, Add	0.53
		For >250 To 500, Add	0.26
		For >5,000 To 10,000, Deduct	-0.05
		For >10,000, Deduct	-0.11
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.16
		For Up To 100, Add	2.32
		For >100 To 250, Add	0.58
		For >250 To 500, Add	0.29
		For >5,000 To 10,000, Deduct	-0.06
		For >10,000, Deduct	-0.12
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.35
		For Up To 100, Add	2.70
		For >100 To 250, Add	0.68
		For >250 To 500, Add	0.34
		For >5,000 To 10,000, Deduct	-0.07
		For >10,000, Deduct	-0.14
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.52
		For Up To 100, Add	3.04
		For >100 To 250, Add	0.76
		For >250 To 500, Add	0.38
		For >5,000 To 10,000, Deduct	-0.08
		For >10,000, Deduct	-0.15
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine.....	1.35
		For Up To 100, Add	2.70
		For >100 To 250, Add	0.68
		For >250 To 500, Add	0.34
		For >5,000 To 10,000, Deduct	-0.07
		For >10,000, Deduct	-0.14

03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)**03 35 16 00-0001 Shake On Floor Hardeners (03 35 16)**

03 35 16 00-0002	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	1.09
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.68
03 35 16 00-0004	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener.....	1.03
03 35 16 00-0005	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener.....	1.25

03 35 19 Colored Concrete Finishing (03 35)**03 35 19 00-0001 Concrete Surface Treatments (03 35 19)**

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.48
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	2.48
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.29
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer.....	0.31

03 35 23 Exposed Aggregate Concrete Finishing (03 35)**03 35 23 00-0001 Exposed Aggregate, Concrete Finish (03 35 23)**

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	2.89
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03 35 26 Grooved Concrete Surface Finishing (03 35)**03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing (03 35 26)**

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing.....	4.06
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03 35 29 Tooled Concrete Finishing (03 35)**03 35 29 00-0001 Solid Board Concrete Finish (03 35 29)**

03 35 29 00-0002	SF	Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork.....	13.77
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03 35 29 00-0003 Marblecrete Finishes (03 35 29)

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	35.90
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	48.13



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 35 33 Stamped Concrete Finishing (03 35)

03 35 33 00-0001 Stamped Concrete Finishes (03 35 33)

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	3.45
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	3.13
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	2.99

03 35 43 Polished Concrete Finishing (03 35)

03 35 43 00-0001 Concrete Floor Polishing System (03 35 43)

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.66
		For Up To 500, Add	3.14
		For >500 To 1,000, Add	2.92
		For >1,000 To 2,500, Add	1.93
		For >2,500 To 4,000, Add	1.00
		For >8,000 To 15,000, Deduct	-0.39
		For >15,000 To 25,000, Deduct	-0.49
		For >25,000, Deduct	-0.70
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.33
		For Up To 500, Add	2.50
		For >500 To 1,000, Add	2.32
		For >1,000 To 2,500, Add	1.54
		For >2,500 To 4,000, Add	0.80
		For >8,000 To 15,000, Deduct	-0.31
		For >15,000 To 25,000, Deduct	-0.39
		For >25,000, Deduct	-0.55
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.12
		For Up To 500, Add	2.10
		For >500 To 1,000, Add	1.94
		For >1,000 To 2,500, Add	1.29
		For >2,500 To 4,000, Add	0.67
		For >8,000 To 15,000, Deduct	-0.26
		For >15,000 To 25,000, Deduct	-0.33
		For >25,000, Deduct	-0.46
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.04
		For Up To 500, Add	1.94
		For >500 To 1,000, Add	1.80
		For >1,000 To 2,500, Add	1.19
		For >2,500 To 4,000, Add	0.62
		For >8,000 To 15,000, Deduct	-0.24
		For >15,000 To 25,000, Deduct	-0.31
		For >25,000, Deduct	-0.43
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	0.96
		For Up To 500, Add	1.78
		For >500 To 1,000, Add	1.66
		For >1,000 To 2,500, Add	1.09
		For >2,500 To 4,000, Add	0.57
		For >8,000 To 15,000, Deduct	-0.22
		For >15,000 To 25,000, Deduct	-0.28
		For >25,000, Deduct	-0.40
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	0.96
		For Up To 500, Add	1.78
		For >500 To 1,000, Add	1.66
		For >1,000 To 2,500, Add	1.09
		For >2,500 To 4,000, Add	0.57
		For >8,000 To 15,000, Deduct	-0.22
		For >15,000 To 25,000, Deduct	-0.28
		For >25,000, Deduct	-0.40
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	0.96
		For Up To 500, Add	1.78
		For >500 To 1,000, Add	1.66
		For >1,000 To 2,500, Add	1.09
		For >2,500 To 4,000, Add	0.57
		For >8,000 To 15,000, Deduct	-0.22
		For >15,000 To 25,000, Deduct	-0.28
		For >25,000, Deduct	-0.40
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	0.96
		For Up To 500, Add	1.78
		For >500 To 1,000, Add	1.66
		For >1,000 To 2,500, Add	1.09
		For >2,500 To 4,000, Add	0.57
		For >8,000 To 15,000, Deduct	-0.22
		For >15,000 To 25,000, Deduct	-0.28
		For >25,000, Deduct	-0.40
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.20
		For Up To 500, Add	0.39
		For >500 To 1,000, Add	0.36
		For >1,000 To 2,500, Add	0.24
		For >2,500 To 4,000, Add	0.12
		For >8,000 To 15,000, Deduct	-0.05
		For >15,000 To 25,000, Deduct	-0.06
		For >25,000, Deduct	-0.09

03 Concrete**03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0011	SF		Apply 1 Coat Of Concrete Densifier	0.25	
			For Up To 500, Add	0.49	
			For >500 To 1,000, Add	0.45	
			For >1,000 To 2,500, Add	0.30	
			For >2,500 To 4,000, Add	0.16	
			For >8,000 To 15,000, Deduct	-0.06	
			For >15,000 To 25,000, Deduct	-0.08	
			For >25,000, Deduct	-0.11	
03 35 43 00-0012	SF		Apply 2 Coats Of Concrete Densifier With Stain Protector	0.37	
			For Up To 500, Add	0.72	
			For >500 To 1,000, Add	0.67	
			For >1,000 To 2,500, Add	0.44	
			For >2,500 To 4,000, Add	0.23	
			For >8,000 To 15,000, Deduct	-0.09	
			For >15,000 To 25,000, Deduct	-0.11	
			For >25,000, Deduct	-0.16	
03 35 43 00-0013	SF		Concrete Floor Polishing Final Clean Up	0.13	
			For Up To 500, Add	0.25	
			For >500 To 1,000, Add	0.23	
			For >1,000 To 2,500, Add	0.15	
			For >2,500 To 4,000, Add	0.08	
			For >8,000 To 15,000, Deduct	-0.03	
			For >15,000 To 25,000, Deduct	-0.04	
			For >25,000, Deduct	-0.06	
03 35 63			Slip-Resistant Floor Finishing (03 35)		
03 35 63 00-0001			Slip-Resistant Floor Finishing (03 35 63)		
03 35 63 00-0002	SF		Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.22	
			For Up To 100, Add	1.68	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.21	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000, Deduct	-0.08	
03 35 63 00-0003	SF		Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.07	
			For Up To 100, Add	1.68	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.21	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000, Deduct	-0.08	
03 35 66			Acid Etch Floor Finishing (03 35)		
03 35 66 00-0001			Acid Etch Floor (03 35 66)		
03 35 66 00-0002	SF		Concrete Floor Finishes, Etch With Acid And Rinse	0.87	
			For Up To 100, Add	0.80	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.10	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000, Deduct	-0.04	
03 35 83			Concrete Wall Finishing (03 35)		
03 35 83 00-0001			Wall Finishes (03 35 83)		
03 35 83 00-0002	SF		Burlap Rub With Grout, New Concrete Wall Finishes	1.56	
			For Up To 100, Add	2.94	
			For >100 To 250, Add	0.74	
			For >250 To 500, Add	0.37	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000, Deduct	-0.15	
03 35 83 00-0003	SF		1/16" Float Finish, New Concrete Wall Finishes	2.32	
			For Up To 100, Add	4.38	
			For >100 To 250, Add	1.10	
			For >250 To 500, Add	0.55	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000, Deduct	-0.22	
03 35 83 00-0004	SF		Etch With Acid And Rinse, New Concrete Wall Finishes	0.95	
			For Up To 100, Add	0.96	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.12	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000, Deduct	-0.05	
03 35 83 00-0005	SF		Bush Hammer Green Concrete, New Concrete Wall Finishes	4.68	
			For Up To 100, Add	9.28	
			For >100 To 250, Add	2.32	
			For >250 To 500, Add	1.16	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000, Deduct	-0.46	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Concrete Finishing	03 35	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	7.26	
		For Up To 100, Add	14.34	
		For >100 To 250, Add	3.59	
		For >250 To 500, Add	1.79	
		For >5,000 To 10,000, Deduct	-0.36	
		For >10,000, Deduct	-0.72	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	0.90	
		For Up To 100, Add	1.58	
		For >100 To 250, Add	0.40	
		For >250 To 500, Add	0.20	
		For >5,000 To 10,000, Deduct	-0.04	
		For >10,000, Deduct	-0.08	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.03	
		For Up To 100, Add	5.84	
		For >100 To 250, Add	1.46	
		For >250 To 500, Add	0.73	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000, Deduct	-0.29	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	4.62	
		For Up To 100, Add	9.02	
		For >100 To 250, Add	2.26	
		For >250 To 500, Add	1.13	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000, Deduct	-0.45	
03 35 83 00-0010	SF	Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes	3.08	
		For Up To 100, Add	5.28	
		For >100 To 250, Add	1.32	
		For >250 To 500, Add	0.66	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000, Deduct	-0.26	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes	8.63	
		For Up To 100, Add	15.48	
		For >100 To 250, Add	3.87	
		For >250 To 500, Add	1.94	
		For >5,000 To 10,000, Deduct	-0.39	
		For >10,000, Deduct	-0.77	

03 37 Specialty Placed Concrete (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete (03 37)

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	4.71	
		For Up To 25, Add	0.75	
		For >25 To 50, Add	0.42	
		For >50 To 150, Add	0.14	
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	9.04	
		For Up To 25, Add	1.40	
		For >25 To 50, Add	0.79	
		For >50 To 150, Add	0.25	
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	13.06	
		For Up To 25, Add	1.98	
		For >25 To 50, Add	1.10	
		For >50 To 150, Add	0.34	
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	16.80	
		For Up To 25, Add	2.49	
		For >25 To 50, Add	1.38	
		For >50 To 150, Add	0.40	
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	23.68	
		For Up To 25, Add	3.35	
		For >25 To 50, Add	1.84	
		For >50 To 150, Add	0.49	

03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed (03 37 13)

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.49	
		For Radius Or Irregular Surface, Add	1.02	
		For Up To 25, Add	0.83	
		For >25 To 50, Add	0.48	
		For >50 To 150, Add	0.19	
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	8.47	
		For Radius Or Irregular Surface, Add	1.83	
		For Up To 25, Add	1.53	
		For >25 To 50, Add	0.88	
		For >50 To 150, Add	0.34	
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	12.01	
		For Radius Or Irregular Surface, Add	2.47	
		For Up To 25, Add	2.13	
		For >25 To 50, Add	1.22	
		For >50 To 150, Add	0.46	

03 Concrete**03 30 Cast-In-Place Concrete****03 37 Specialty Placed Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0011 SF 4" Thick Gunitite (Dry Mix Shotcrete), Sprayed.....	15.18	
For Radius Or Irregular Surface, Add	2.96	
For Up To 25, Add	2.63	
For >25 To 50, Add	1.50	
For >50 To 150, Add	0.56	
03 37 13 00-0012 SF 5" Thick Gunitite (Dry Mix Shotcrete), Sprayed.....	18.06	
For Radius Or Irregular Surface, Add	3.34	
For Up To 25, Add	3.06	
For >25 To 50, Add	1.74	
For >50 To 150, Add	0.63	
03 37 13 00-0013 SF 6" Thick Gunitite (Dry Mix Shotcrete), Sprayed.....	20.66	
For Radius Or Irregular Surface, Add	3.60	
For Up To 25, Add	3.42	
For >25 To 50, Add	1.93	
For >50 To 150, Add	0.68	
03 37 13 00-0014 SF 8" Thick Gunitite (Dry Mix Shotcrete), Sprayed.....	26.36	
For Radius Or Irregular Surface, Add	4.32	
For Up To 25, Add	4.26	
For >25 To 50, Add	2.40	
For >50 To 150, Add	0.81	
03 37 13 00-0015 SF 10" Thick Gunitite (Dry Mix Shotcrete), Sprayed.....	31.59	
For Radius Or Irregular Surface, Add	4.86	
For Up To 25, Add	4.98	
For >25 To 50, Add	2.80	
For >50 To 150, Add	0.91	
03 37 13 00-0016 SF 12" Thick Gunitite (Dry Mix Shotcrete), Sprayed.....	36.45	
For Radius Or Irregular Surface, Add	5.25	
For Up To 25, Add	5.61	
For >25 To 50, Add	3.14	
For >50 To 150, Add	0.98	

03 37 16 Pumped Concrete (03 37)**03 37 16 00-0001 Concrete Pumping With Boom Truck (03 37 16)**

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002 HR 55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating).....	138.60	
03 37 16 00-0003 HR 70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating).....	144.57	
03 37 16 00-0004 HR 90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating).....	166.13	
03 37 16 00-0005 HR 105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating).....	179.55	
03 37 16 00-0006 HR 120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating).....	193.40	
03 37 16 00-0007 HR 135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating).....	222.74	
03 37 16 00-0008 HR 148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating).....	240.24	
03 37 16 00-0009 HR 170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating).....	282.63	
03 37 16 00-0010 HR 35 CY/HR, 66 HP Trailer Mounted Concrete Pump	105.18	

Note: Includes hoses

03 39 Concrete Curing (03 39)**03 39 13 Water Concrete Curing (03 39)****03 39 13 00-0001 Water Concrete Curing (03 39 13)**

03 39 13 00-0002 SF Water Based Curing, Sealing, Hardening And Dustproofing Compound	0.28	
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Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.

03 39 23 Membrane Concrete Curing (03 39)**03 39 23 23 Sheet Membrane Concrete Curing (03 39 23)****03 39 23 23-0001 Warm Weather Concrete Curing Blankets (03 39 23 23)**

03 39 23 23-0002 CSF Warm Weather Concrete Curing Blankets	30.35	
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03 39 23 23-0003 Cold Weather Concrete Curing Blankets (03 39 23 23)

03 39 23 23-0004 CSF Electric, Cold Weather Concrete Curing Blanket.....	202.00	
03 39 23 23-0005 CSF Non-Electric, Cold Weather Concrete Curing Blanket.....	30.03	

03 40 Precast Concrete (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete (03 40)**03 41 16 Precast Concrete Slabs (03 41)****03 41 16 00-0001 Flat Floor Slab/Floor Plank (03 41 16)**



		Concrete	03	CS
		Precast Concrete	03 40	
		Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 16 00-0002**Erection Costs For Using A 90 Ton Crawler Crane** (03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane.....	319.34	255.49
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	354.99	283.94
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	376.95	301.54
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane.....	399.61	319.71
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	427.65	342.11
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	457.05	365.64
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	490.80	392.61
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	533.79	427.00
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane.....	580.38	464.36

03 41 16 00-0012**Material Cost** (03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	27.87	
		For 3,500 PSI Concrete, Add	0.56	
		For 4,000 PSI Concrete, Add	0.84	
		For 4,500 PSI Concrete, Add	1.11	
		For 5,000 PSI Concrete, Add	1.67	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	33.45	
		For 3,500 PSI Concrete, Add	0.67	
		For 4,000 PSI Concrete, Add	1.00	
		For 4,500 PSI Concrete, Add	1.34	
		For 5,000 PSI Concrete, Add	2.01	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	40.88	
		For 3,500 PSI Concrete, Add	0.82	
		For 4,000 PSI Concrete, Add	1.23	
		For 4,500 PSI Concrete, Add	1.64	
		For 5,000 PSI Concrete, Add	2.45	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	54.26	
		For 3,500 PSI Concrete, Add	1.09	
		For 4,000 PSI Concrete, Add	1.63	
		For 4,500 PSI Concrete, Add	2.17	
		For 5,000 PSI Concrete, Add	3.26	

03 41 16 00-0017**Floor Units, Combination Beam And Slab** (03 41 16)**03 41 16 00-0018****Erection Costs For Using 90 Ton Crawler Crane** (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane.....	391.92	313.52
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane.....	427.18	341.78
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane.....	472.14	377.67
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane.....	524.27	419.38
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane.....	589.32	471.41

03 41 16 00-0024**Erection Costs Using A 125 Ton Crawler Crane** (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane.....	503.92	403.15
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane.....	549.24	439.35
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane.....	607.05	485.68
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane.....	674.06	539.27
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane.....	757.71	606.23
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane.....	823.86	659.03
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane.....	910.58	728.45
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane.....	1,007.82	806.31
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane.....	1,140.72	912.58

03 41 16 00-0034**Material Cost** (03 41 16 00-0017)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035**4" Slab** (03 41 16 00-0034)

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	2,935.78	
		For 3,500 PSI Concrete, Add	58.72	
		For 4,000 PSI Concrete, Add	88.07	
		For 4,500 PSI Concrete, Add	117.43	
		For 5,000 PSI Concrete, Add	176.15	
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	2,972.94	
		For 3,500 PSI Concrete, Add	59.46	
		For 4,000 PSI Concrete, Add	89.19	
		For 4,500 PSI Concrete, Add	118.92	
		For 5,000 PSI Concrete, Add	178.38	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0038 CY Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,344.56	
For 3,500 PSI Concrete, Add	66.89	
For 4,000 PSI Concrete, Add	100.34	
For 4,500 PSI Concrete, Add	133.78	
For 5,000 PSI Concrete, Add	200.67	
03 41 16 00-0039 5" Slab (03 41 16 00-0034)		
03 41 16 00-0040 CY Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,010.10	
For 3,500 PSI Concrete, Add	60.20	
For 4,000 PSI Concrete, Add	90.30	
For 4,500 PSI Concrete, Add	120.40	
For 5,000 PSI Concrete, Add	180.61	
03 41 16 00-0041 CY Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,121.59	
For 3,500 PSI Concrete, Add	62.43	
For 4,000 PSI Concrete, Add	93.65	
For 4,500 PSI Concrete, Add	124.86	
For 5,000 PSI Concrete, Add	187.30	
03 41 16 00-0042 CY Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,976.31	
For 3,500 PSI Concrete, Add	79.53	
For 4,000 PSI Concrete, Add	119.29	
For 4,500 PSI Concrete, Add	159.05	
For 5,000 PSI Concrete, Add	238.58	
03 41 16 00-0043 6" Slab (03 41 16 00-0034)		
03 41 16 00-0044 CY Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,121.59	
For 3,500 PSI Concrete, Add	62.43	
For 4,000 PSI Concrete, Add	93.65	
For 4,500 PSI Concrete, Add	124.86	
For 5,000 PSI Concrete, Add	187.30	
03 41 16 00-0045 CY Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,716.17	
For 3,500 PSI Concrete, Add	74.32	
For 4,000 PSI Concrete, Add	111.49	
For 4,500 PSI Concrete, Add	148.65	
For 5,000 PSI Concrete, Add	222.97	
03 41 16 00-0046 CY Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,533.73	
For 3,500 PSI Concrete, Add	90.67	
For 4,000 PSI Concrete, Add	136.01	
For 4,500 PSI Concrete, Add	181.35	
For 5,000 PSI Concrete, Add	272.02	
03 41 19 Precast Concrete Wall Panels (03 41)		
03 41 19 00-0001 Structural Wall Panels (03 41 19)		
Note: Gray, smooth form or board finish one side.		
03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane (03 41 19 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0003 EA Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	312.40	249.94
03 41 19 00-0004 EA Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	347.28	277.78
03 41 19 00-0005 EA Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	390.94	312.77
03 41 19 00-0006 EA Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	418.37	334.68
03 41 19 00-0007 EA Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	447.13	357.70
03 41 19 00-0008 EA Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	480.14	384.09
03 41 19 00-0009 EA Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	522.20	417.73
03 41 19 00-0010 EA Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	567.78	454.28
03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0012 EA Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	352.56	282.02
03 41 19 00-0013 EA Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	391.92	313.52
03 41 19 00-0014 EA Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	441.19	353.00
03 41 19 00-0015 EA Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	472.14	377.67
03 41 19 00-0016 EA Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	504.61	403.68
03 41 19 00-0017 EA Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	541.86	433.51
03 41 19 00-0018 EA Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	589.32	471.41
03 41 19 00-0019 EA Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	640.77	512.57
03 41 19 00-0020 EA Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	708.21	566.62
03 41 19 00-0021 EA Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	783.85	627.05
03 41 19 00-0022 EA Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	887.22	709.81
03 41 19 00-0023 EA Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,009.20	807.36
03 41 19 00-0024 EA Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,170.09	936.09
03 41 19 00-0025 Material Cost (03 41 19 00-0001)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		



Concrete			03	CS
Precast Concrete			03 40	
Precast Structural Concrete			03 41	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	37.16	
		For 3,500 PSI Concrete, Add	0.74	
		For 4,000 PSI Concrete, Add	1.11	
		For 4,500 PSI Concrete, Add	1.49	
		For 5,000 PSI Concrete, Add	2.23	
		For White Facing, Add	7.43	
		For Solid White Through Thickness, Add	7.43	
		For Broken Rib Finish, Add	3.72	
		For Fluted Surface, Add	3.72	
		For Exposed Aggregate, Add	7.43	
		For Sandblasting Of Surface, Add	3.72	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	45.71	
		For 3,500 PSI Concrete, Add	0.91	
		For 4,000 PSI Concrete, Add	1.37	
		For 4,500 PSI Concrete, Add	1.83	
		For 5,000 PSI Concrete, Add	2.74	
		For White Facing, Add	9.14	
		For Solid White Through Thickness, Add	9.14	
		For Broken Rib Finish, Add	4.57	
		For Fluted Surface, Add	4.57	
		For Exposed Aggregate, Add	9.14	
		For Sandblasting Of Surface, Add	4.57	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	55.00	
		For 3,500 PSI Concrete, Add	1.10	
		For 4,000 PSI Concrete, Add	1.65	
		For 4,500 PSI Concrete, Add	2.20	
		For 5,000 PSI Concrete, Add	3.30	
		For White Facing, Add	11.00	
		For Solid White Through Thickness, Add	11.00	
		For Broken Rib Finish, Add	5.50	
		For Fluted Surface, Add	5.50	
		For Exposed Aggregate, Add	11.00	
		For Sandblasting Of Surface, Add	5.50	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	72.47	
		For 3,500 PSI Concrete, Add	1.45	
		For 4,000 PSI Concrete, Add	2.17	
		For 4,500 PSI Concrete, Add	2.90	
		For 5,000 PSI Concrete, Add	4.35	
		For White Facing, Add	14.49	
		For Solid White Through Thickness, Add	14.49	
		For Broken Rib Finish, Add	7.25	
		For Fluted Surface, Add	7.25	
		For Exposed Aggregate, Add	14.49	
		For Sandblasting Of Surface, Add	7.25	
		For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0030		Partition Panels (03 41 19)		
03 41 19 00-0031		Erection Costs Using 20 Ton Hydraulic Crane (03 41 19 00-0030)		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	248.50	198.77
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	276.24	221.02
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	310.96	248.76
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	355.67	284.53
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	381.92	305.56
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	415.37	332.30
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	451.64	361.36
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	499.18	399.36
03 41 19 00-0040		Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0030)		
		Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	312.40	249.94
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	347.28	277.78
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	390.94	312.77
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	447.13	357.70
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	480.14	384.09
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	522.20	417.73
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	567.78	454.28
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	627.55	502.02
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	694.57	555.67
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	786.17	628.89
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	894.27	715.41
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,036.83	829.43
03 41 19 00-0053		Material Cost (03 41 19 00-0030)		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0054 SF 4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	35.30	
For 4,000 PSI Concrete, Add	1.06	
For 4,500 PSI Concrete, Add	1.41	
For 5,000 PSI Concrete, Add	2.12	
For White Facing, Add	7.06	
For Solid White Through Thickness, Add	7.06	
For Broken Rib Finish, Add	3.53	
For Fluted Surface, Add	3.53	
For Exposed Aggregate, Add	7.06	
For Sandblasting Of Surface, Add	3.53	
03 41 19 00-0055 SF 5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	43.48	
For 4,000 PSI Concrete, Add	1.30	
For 4,500 PSI Concrete, Add	1.74	
For 5,000 PSI Concrete, Add	2.61	
For White Facing, Add	8.70	
For Solid White Through Thickness, Add	8.70	
For Broken Rib Finish, Add	4.35	
For Fluted Surface, Add	4.35	
For Exposed Aggregate, Add	8.70	
For Sandblasting Of Surface, Add	4.35	
03 41 19 00-0056 SF 6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	52.03	
For 4,000 PSI Concrete, Add	1.56	
For 4,500 PSI Concrete, Add	2.08	
For 5,000 PSI Concrete, Add	3.12	
For White Facing, Add	10.41	
For Solid White Through Thickness, Add	10.41	
For Broken Rib Finish, Add	5.20	
For Fluted Surface, Add	5.20	
For Exposed Aggregate, Add	10.41	
For Sandblasting Of Surface, Add	5.20	
03 41 19 00-0057 SF 8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	68.75	
For 4,000 PSI Concrete, Add	2.06	
For 4,500 PSI Concrete, Add	2.75	
For 5,000 PSI Concrete, Add	4.13	
For White Facing, Add	13.75	
For Solid White Through Thickness, Add	13.75	
For Broken Rib Finish, Add	6.88	
For Fluted Surface, Add	6.88	
For Exposed Aggregate, Add	13.75	
For Sandblasting Of Surface, Add	6.88	
03 41 19 00-0058 Cladding Panels (03 41 19)		
03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0058)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0060 EA Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	329.68	263.70
03 41 19 00-0061 EA Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	368.77	294.99
03 41 19 00-0062 EA Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	418.37	334.68
03 41 19 00-0063 EA Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	447.13	357.70
03 41 19 00-0064 EA Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	480.14	384.09
03 41 19 00-0065 EA Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	522.20	417.73
03 41 19 00-0066 EA Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	567.78	454.28
03 41 19 00-0067 EA Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	627.55	502.02
03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane (03 41 19 00-0058)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0069 EA Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	372.06	297.60
03 41 19 00-0070 EA Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	416.17	332.93
03 41 19 00-0071 EA Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	472.14	377.67
03 41 19 00-0072 EA Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	504.61	403.68
03 41 19 00-0073 EA Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	541.86	433.51
03 41 19 00-0074 EA Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	589.32	471.41
03 41 19 00-0075 EA Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	640.77	512.57
03 41 19 00-0076 EA Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	708.21	566.62
03 41 19 00-0077 EA Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	783.85	627.05
03 41 19 00-0078 EA Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	887.22	709.81
03 41 19 00-0079 EA Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,009.20	807.36
03 41 19 00-0080 EA Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,170.09	936.09
03 41 19 00-0081 Material Cost (03 41 19 00-0058)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		



		Concrete	03	CS
		Precast Concrete	03 40	
		Precast Structural Concrete	03 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 19 00-0082	SF	4"	Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	35.30	
			For 3,500 PSI Concrete, Add	0.71	
			For 4,000 PSI Concrete, Add	1.06	
			For 4,500 PSI Concrete, Add	1.41	
			For 5,000 PSI Concrete, Add	2.12	
			For White Facing, Add	7.06	
			For Solid White Through Thickness, Add	7.06	
			For Broken Rib Finish, Add	3.53	
			For Fluted Surface, Add	3.53	
			For Exposed Aggregate, Add	7.06	
			For Sandblasting Of Surface, Add	3.53	
03 41 19 00-0083	SF	5"	Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	43.48	
			For 3,500 PSI Concrete, Add	0.87	
			For 4,000 PSI Concrete, Add	1.30	
			For 4,500 PSI Concrete, Add	1.74	
			For 5,000 PSI Concrete, Add	2.61	
			For White Facing, Add	8.70	
			For Solid White Through Thickness, Add	8.70	
			For Broken Rib Finish, Add	4.35	
			For Fluted Surface, Add	4.35	
			For Exposed Aggregate, Add	8.70	
			For Sandblasting Of Surface, Add	4.35	
03 41 19 00-0084	SF	6"	Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	52.03	
			For 3,500 PSI Concrete, Add	1.04	
			For 4,000 PSI Concrete, Add	1.56	
			For 4,500 PSI Concrete, Add	2.08	
			For 5,000 PSI Concrete, Add	3.12	
			For White Facing, Add	10.41	
			For Solid White Through Thickness, Add	10.41	
			For Broken Rib Finish, Add	5.20	
			For Fluted Surface, Add	5.20	
			For Exposed Aggregate, Add	10.41	
			For Sandblasting Of Surface, Add	5.20	
03 41 19 00-0085	SF	8"	Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	68.75	
			For 3,500 PSI Concrete, Add	1.38	
			For 4,000 PSI Concrete, Add	2.06	
			For 4,500 PSI Concrete, Add	2.75	
			For 5,000 PSI Concrete, Add	4.13	
			For White Facing, Add	13.75	
			For Solid White Through Thickness, Add	13.75	
			For Broken Rib Finish, Add	6.88	
			For Fluted Surface, Add	6.88	
			For Exposed Aggregate, Add	13.75	
			For Sandblasting Of Surface, Add	6.88	

03 41 19 00-0086 Sandwich Panel (03 41 19)

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	329.68	263.70
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	368.77	294.99
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	418.37	334.68
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	447.13	357.70
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	480.14	384.09
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	522.20	417.73
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	567.78	454.28
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	627.55	502.02

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	336.99	269.55
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	376.95	301.54
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	427.65	342.11
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	457.05	365.64
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	490.80	392.61
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	533.79	427.00
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	580.38	464.36
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	641.48	513.16
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	709.98	568.00
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	803.61	642.84
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	914.11	731.28
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,059.84	847.83

03 41 19 00-0109 Material Cost (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	48.31	
		For 3,500 PSI Concrete, Add	0.97	
		For 4,000 PSI Concrete, Add	1.45	
		For 4,500 PSI Concrete, Add	1.93	
		For 5,000 PSI Concrete, Add	2.90	
		For White Facing, Add	9.66	
		For Solid White Through Thickness, Add	9.66	
		For Broken Rib Finish, Add	4.83	
		For Fluted Surface, Add	4.83	
		For Exposed Aggregate, Add	9.66	
		For Sandblasting Of Surface, Add	4.83	
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	56.86	
		For 3,500 PSI Concrete, Add	1.14	
		For 4,000 PSI Concrete, Add	1.71	
		For 4,500 PSI Concrete, Add	2.27	
		For 5,000 PSI Concrete, Add	3.41	
		For White Facing, Add	11.37	
		For Solid White Through Thickness, Add	11.37	
		For Broken Rib Finish, Add	5.69	
		For Fluted Surface, Add	5.69	
		For Exposed Aggregate, Add	11.37	
		For Sandblasting Of Surface, Add	5.69	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	66.15	
		For 3,500 PSI Concrete, Add	1.32	
		For 4,000 PSI Concrete, Add	1.98	
		For 4,500 PSI Concrete, Add	2.65	
		For 5,000 PSI Concrete, Add	3.97	
		For White Facing, Add	13.23	
		For Solid White Through Thickness, Add	13.23	
		For Broken Rib Finish, Add	6.62	
		For Fluted Surface, Add	6.62	
		For Exposed Aggregate, Add	13.23	
		For Sandblasting Of Surface, Add	6.62	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	83.61	
		For 3,500 PSI Concrete, Add	1.67	
		For 4,000 PSI Concrete, Add	2.51	
		For 4,500 PSI Concrete, Add	3.34	
		For 5,000 PSI Concrete, Add	5.02	
		For White Facing, Add	16.72	
		For Solid White Through Thickness, Add	16.72	
		For Broken Rib Finish, Add	8.36	
		For Fluted Surface, Add	8.36	
		For Exposed Aggregate, Add	16.72	
		For Sandblasting Of Surface, Add	8.36	
03 41 23		Precast Concrete Stairs (03 41)		
03 41 23 00-0001		Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	347.28	277.78
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	368.77	294.99
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	390.94	312.77
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	418.37	334.68
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	447.13	357.70
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	480.14	384.09
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	522.20	417.73
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	567.78	454.28
03 41 23 00-0010		Erection Costs Using A 90 Ton Crawler Crane (03 41 23)		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	347.28	277.78
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	368.77	294.99
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	390.94	312.77
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	418.37	334.68
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	447.13	357.70
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	480.14	384.09
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	522.20	417.73
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	567.78	454.28
03 41 23 00-0019		Material Cost (03 41 23)		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.		
03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	744.76	
		For 3,500 PSI Concrete, Add	97.19	
		For 4,000 PSI Concrete, Add	182.62	
		For 4,500 PSI Concrete, Add	268.41	
		For 5,000 PSI Concrete, Add	365.16	
03 41 26		Precast Concrete Structural Sections (03 41)		



	Concrete	03	
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0001 Precast Beams, Girder And Joists (03 41 26)		
03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane.....	441.19	353.00
03 41 26 00-0004 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane.....	472.14	377.67
03 41 26 00-0005 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane.....	504.61	403.68
03 41 26 00-0006 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane.....	541.86	433.51
03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane (03 41 26 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane.....	567.24	453.76
03 41 26 00-0009 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane.....	607.05	485.68
03 41 26 00-0010 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane.....	648.79	519.03
03 41 26 00-0011 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane.....	696.68	557.30
03 41 26 00-0012 EA Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane.....	757.71	606.23
03 41 26 00-0013 EA Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane.....	823.86	659.03
03 41 26 00-0014 EA Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane.....	910.58	728.45
03 41 26 00-0015 EA Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane.....	1,007.82	806.31
03 41 26 00-0016 Material Cost (03 41 26 00-0001)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017 1,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0018 LF Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	148.93	
For 3,500 PSI Concrete, Add		4.07
For 4,000 PSI Concrete, Add		6.11
For 4,500 PSI Concrete, Add		8.13
For 5,000 PSI Concrete, Add		12.21
03 41 26 00-0019 LF Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	186.16	
For 3,500 PSI Concrete, Add		5.08
For 4,000 PSI Concrete, Add		7.63
For 4,500 PSI Concrete, Add		10.16
For 5,000 PSI Concrete, Add		15.27
03 41 26 00-0020 LF Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	223.40	
For 3,500 PSI Concrete, Add		6.10
For 4,000 PSI Concrete, Add		9.16
For 4,500 PSI Concrete, Add		12.20
For 5,000 PSI Concrete, Add		18.32
03 41 26 00-0021 3,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0022 LF Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	186.16	
For 3,500 PSI Concrete, Add		5.08
For 4,000 PSI Concrete, Add		7.63
For 4,500 PSI Concrete, Add		10.16
For 5,000 PSI Concrete, Add		15.27
03 41 26 00-0023 LF Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	223.40	
For 3,500 PSI Concrete, Add		6.10
For 4,000 PSI Concrete, Add		9.16
For 4,500 PSI Concrete, Add		12.20
For 5,000 PSI Concrete, Add		18.32
03 41 26 00-0024 LF Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	297.86	
For 3,500 PSI Concrete, Add		8.13
For 4,000 PSI Concrete, Add		12.21
For 4,500 PSI Concrete, Add		16.26
For 5,000 PSI Concrete, Add		24.42
03 41 26 00-0025 5,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0026 LF Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	260.63	
For 3,500 PSI Concrete, Add		7.12
For 4,000 PSI Concrete, Add		10.69
For 4,500 PSI Concrete, Add		14.23
For 5,000 PSI Concrete, Add		21.37
03 41 26 00-0027 LF Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	297.86	
For 3,500 PSI Concrete, Add		8.13
For 4,000 PSI Concrete, Add		12.21
For 4,500 PSI Concrete, Add		16.26
For 5,000 PSI Concrete, Add		24.42
03 41 26 00-0028 LF Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	372.32	
For 3,500 PSI Concrete, Add		10.16
For 4,000 PSI Concrete, Add		15.27
For 4,500 PSI Concrete, Add		20.33
For 5,000 PSI Concrete, Add		30.53
03 41 26 00-0029 Precast Concrete Columns (03 41 26)		

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031 EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	255.69	204.53
03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	271.85	217.44
03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	291.34	233.10
03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	312.51	250.01
03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	336.99	269.55
03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	365.64	292.51
03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	399.61	319.71
03 41 26 00-0038 Material Cost (03 41 26 00-0029) Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0040 CY 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY.....	770.84	
For 3,500 PSI Concrete, Add	57.81	
For 4,000 PSI Concrete, Add	108.69	
For 4,500 PSI Concrete, Add	160.33	
For 5,000 PSI Concrete, Add	218.15	
03 41 26 00-0041 16" x 16" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0042 CY 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY.....	789.87	
For 3,500 PSI Concrete, Add	59.24	
For 4,000 PSI Concrete, Add	111.37	
For 4,500 PSI Concrete, Add	164.29	
For 5,000 PSI Concrete, Add	223.53	
03 41 26 00-0043 20" x 20" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0044 CY 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY.....	791.39	
For 3,500 PSI Concrete, Add	59.35	
For 4,000 PSI Concrete, Add	111.59	
For 4,500 PSI Concrete, Add	164.61	
For 5,000 PSI Concrete, Add	223.96	
03 41 26 00-0045 24" x 24" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0046 CY 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY.....	791.39	
For 3,500 PSI Concrete, Add	59.35	
For 4,000 PSI Concrete, Add	111.59	
For 4,500 PSI Concrete, Add	164.61	
For 5,000 PSI Concrete, Add	223.96	
03 41 26 00-0047 28" x 28" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0048 CY 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY.....	791.39	
For 3,500 PSI Concrete, Add	59.35	
For 4,000 PSI Concrete, Add	111.59	
For 4,500 PSI Concrete, Add	164.61	
For 5,000 PSI Concrete, Add	223.96	
03 41 26 00-0049 32" x 32" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0050 CY 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY.....	789.87	
For 3,500 PSI Concrete, Add	59.24	
For 4,000 PSI Concrete, Add	111.37	
For 4,500 PSI Concrete, Add	164.29	
For 5,000 PSI Concrete, Add	223.53	
03 41 26 00-0051 36" x 36" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0052 CY 36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY.....	791.39	
For 3,500 PSI Concrete, Add	59.35	
For 4,000 PSI Concrete, Add	111.59	
For 4,500 PSI Concrete, Add	164.61	
For 5,000 PSI Concrete, Add	223.96	
03 41 33 Precast Structural Pretensioned Concrete (03 41)		
03 41 33 00-0001 Slabs, Roof And Floor Members (03 41 33)		
03 41 33 00-0002 SF 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor.....	15.75	2.05
03 41 33 00-0003 SF 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor.....	19.63	2.05
03 41 33 00-0004 SF 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor.....	23.53	2.16
03 41 33 00-0005 SF 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor.....	27.42	2.26
03 41 33 00-0006 Tee Members (03 41 33)		



	Concrete	03	CS
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0007		Multiple Tee, Roof And Floor (03 41 33 00-0006)		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	35.39	2.68
03 41 33 00-0009		Double Tee Wall Member (03 41 33 00-0006)		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	50.10	7.31
03 41 33 00-0011		Single Tee, Short Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	41.60	4.42
03 41 33 00-0013		Single Tee, Long Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	49.92	3.81
03 41 33 00-0015		Prestressed Concrete Items (03 41 33)		
03 41 33 00-0016		Prestressed Quad Tee (03 41 33 00-0015)		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	25.62	0.82
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	26.73	0.82
03 41 33 00-0019		Prestressed Double Tee (03 41 33 00-0015)		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	42.59	0.72
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	58.64	0.72
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	29.07	1.23
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	45.03	0.82
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	31.50	1.65
03 41 33 00-0025		Prestressed Single Tee (03 41 33 00-0015)		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	50.41	1.85
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	58.38	1.13
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	77.24	1.03
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	81.33	1.03
03 41 33 00-0030		Prestressed Double Tee Floor Members (03 41 33 00-0015)		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	13,031.19	296.27
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	14,189.44	329.20
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	23,736.42	370.34
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,103.16	269.43
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	6,700.79	296.27
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	8,562.67	296.27
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	9,534.73	329.20
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	12,192.74	370.34
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	21,940.92	423.43
03 41 33 00-0040		Prestressed Double Tee Roof Members (03 41 33 00-0015)		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	10,238.37	296.27
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	13,444.69	329.20
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	22,060.73	370.34
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	6,853.33	269.43
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	7,222.11	296.27
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	8,004.10	296.27
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	8,231.41	329.20
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	10,889.42	370.34
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	18,775.71	423.43
03 41 33 00-0050		Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab (03 41 33)		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	27.06	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	28.18	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	29.49	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	30.47	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	32.55	
03 41 33 00-0056		Double And Single Tees (03 41 33)		
03 41 33 00-0057		Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	32.72	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	31.94	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	30.16	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	32.72	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	32.61	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	50.15	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0064 SF Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	49.03	
03 41 33 00-0065 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	45.91	
03 41 33 00-0066 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	50.15	
03 41 33 00-0067 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	47.02	
03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0069 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	33.72	
03 41 33 00-0070 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	32.94	
03 41 33 00-0071 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	31.84	
03 41 33 00-0072 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	33.72	
03 41 33 00-0073 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	32.61	
03 41 33 00-0074 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	51.49	
03 41 33 00-0075 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	50.37	
03 41 33 00-0076 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	48.59	
03 41 33 00-0077 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	51.49	
03 41 33 00-0078 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	50.04	
03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0080 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete.....	35.57	
03 41 33 00-0081 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete.....	34.44	
03 41 33 00-0082 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete.....	33.32	
03 41 33 00-0083 SF Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete.....	54.67	
03 41 33 00-0084 SF Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete.....	52.88	
03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete.....	50.75	
03 48 Precast Concrete Specialties (03 40)		
03 48 16 Precast Concrete Splash Blocks (03 48)		
03 48 16 00-0001 Precast Concrete Splash Blocks (03 48 16)		
03 48 16 00-0002 EA Precast Concrete Splash Blocks, 20" x 12" x 3".....	35.21	3.69
03 48 21 Precast Concrete Handrails (03 48)		
03 48 21 00-0001 Installation Cost (03 48 21)		
Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.		
03 48 21 00-0002 EA Install Precast Handrails, 0-2 Ton/Handrail.....	141.76	63.82
03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail.....	170.02	76.48
03 48 21 00-0004 Material Cost (03 48 21)		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.		
03 48 21 00-0005 CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail.....	2,941.87	
For 3,500 PSI Concrete, Add.....	191.96	
For 4,000 PSI Concrete, Add.....	360.67	
For 4,500 PSI Concrete, Add.....	530.12	
For 5,000 PSI Concrete, Add.....	721.20	
03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail.....	3,053.59	
For 3,500 PSI Concrete, Add.....	199.25	
For 4,000 PSI Concrete, Add.....	374.37	
For 4,500 PSI Concrete, Add.....	550.26	
For 5,000 PSI Concrete, Add.....	748.59	
03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail.....	3,165.31	
For 3,500 PSI Concrete, Add.....	206.54	
For 4,000 PSI Concrete, Add.....	388.07	
For 4,500 PSI Concrete, Add.....	570.39	
For 5,000 PSI Concrete, Add.....	775.98	
03 48 21 00-0008 CY 8" Thick 3,000 PSI Concrete Precast Concrete Handrail.....	3,314.26	
For 3,500 PSI Concrete, Add.....	216.26	
For 4,000 PSI Concrete, Add.....	406.33	
For 4,500 PSI Concrete, Add.....	597.23	
For 5,000 PSI Concrete, Add.....	812.49	
03 48 22 Precast Concrete Sun Screen and Trellis (03 48)		
03 48 22 00-0001 Sun Screen Blades (03 48 22)		
03 48 22 00-0002 Installation Cost (03 48 22 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.		
03 48 22 00-0003 EA Install Precast Sun Screen Blade, 0-1 Ton/Each.....	70.88	31.91
03 48 22 00-0004 EA Install Precast Sun Screen Blade, 1-2 Ton/Each.....	85.15	38.29
03 48 22 00-0005 EA Install Precast Sun Screen Blade, 2-3 Ton/Each.....	106.40	47.92
03 48 22 00-0006 Material Cost (03 48 22 00-0001)		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		



		Concrete	03	CS
		Precast Concrete	03 40	
		Precast Concrete Specialties	03 48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0007 CY 4" Thick 3,000 PSI Concrete Precast Sun Screen Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,128.07 204.11 383.50 563.68 766.85	
03 48 22 00-0008 CY 5" Thick 3,000 PSI Concrete Precast Sun Screen Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,239.78 211.40 397.20 583.81 794.23	
03 48 22 00-0009 CY 6" Thick 3,000 PSI Concrete Precast Sun Screen Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,388.74 221.12 415.46 610.65 830.75	
03 48 22 00-0010 CY 8" Thick 3,000 PSI Concrete Precast Sun Screen Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,537.70 230.83 433.72 637.49 867.27	
03 48 22 00-0011 Sun Screen/Trellis Units (03 48 22)		
03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane (03 48 22 00-0011) Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013 EA Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	329.68	148.33
03 48 22 00-0014 EA Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	368.77	166.00
03 48 22 00-0015 EA Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	418.37	188.24
03 48 22 00-0016 EA Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	447.13	201.21
03 48 22 00-0017 Material Cost (03 48 22 00-0011) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018 CY 4" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,612.17 235.69 442.85 650.91 885.52	
03 48 22 00-0019 CY 5" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,723.89 242.98 456.55 671.04 912.91	
03 48 22 00-0020 CY 6" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	3,872.85 252.70 474.81 697.89 949.43	
03 48 22 00-0021 CY 8" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	4,059.04 264.85 497.64 731.44 995.07	
03 48 24 Precast Minaret Segments (03 48)		
03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane (03 48 24) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002 L - Shaped Segments (03 48 24 00-0001)		
03 48 24 00-0003 EA Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	320.81	256.65
03 48 24 00-0004 EA Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	359.50	287.62
03 48 24 00-0005 EA Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	406.48	325.17
03 48 24 00-0006 EA Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	433.58	346.87
03 48 24 00-0007 O - Shaped Segments (03 48 24 00-0001)		
03 48 24 00-0008 EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	339.05	271.30
03 48 24 00-0009 EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	380.53	304.38
03 48 24 00-0010 EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	430.97	344.74
03 48 24 00-0011 EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	461.56	369.22
03 48 24 00-0012 Platform Segment (03 48 24 00-0001)		
03 48 24 00-0013 EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	650.37	520.35
03 48 24 00-0014 EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	786.17	628.89
03 48 24 00-0015 EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	872.45	697.98
03 48 24 00-0016 EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	980.01	784.04
03 48 24 00-0017 Cap Segment (03 48 24 00-0001)		
03 48 24 00-0018 EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	355.92	284.71

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0019 EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	397.45	317.91
03 48 24 00-0020 EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	452.79	362.18
03 48 24 00-0021 EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	483.38	386.65
03 48 24 00-0022 Installation Costs Using A 90 Ton Crawler Crane (03 48 24)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023 L - Shaped Segments (03 48 24 00-0022)		
03 48 24 00-0024 EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	327.93	262.35
03 48 24 00-0025 EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	367.48	294.00
03 48 24 00-0026 EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	415.50	332.39
03 48 24 00-0027 EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	443.20	354.56
03 48 24 00-0028 O - Shaped Segment (03 48 24 00-0022)		
03 48 24 00-0029 EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	346.57	277.32
03 48 24 00-0030 EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	388.98	311.13
03 48 24 00-0031 EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	440.53	352.39
03 48 24 00-0032 EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	471.80	377.41
03 48 24 00-0033 Platform Segment (03 48 24 00-0022)		
03 48 24 00-0034 EA Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	529.91	423.92
03 48 24 00-0035 EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	641.48	513.16
03 48 24 00-0036 EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	709.98	568.00
03 48 24 00-0037 EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	803.61	642.84
03 48 24 00-0038 Cap Segment (03 48 24 00-0022)		
03 48 24 00-0039 EA Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	363.82	291.03
03 48 24 00-0040 EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	406.27	324.97
03 48 24 00-0041 EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	462.84	370.21
03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	494.11	395.23
03 48 24 00-0043 Material Costs (03 48 24)		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044 CY Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete	8,936.84	
Note: Including Post Tension Cost		
03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	8,936.84	
Note: Including Post Tension Cost		
03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	8,936.84	
Note: Including Post Tension Cost		
03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	8,936.84	
Note: Including Post Tension Cost		
03 48 29 Precast Accessories (03 48)		
Note: Includes installation labor, material and equipment.		
03 48 29 00-0001 Bearing Pads For Precast Members (03 48 29)		
03 48 29 00-0002 Continuous 2" Wide Strips (03 48 29 00-0001)		
03 48 29 00-0003 LF Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.42	
Note: For precast members		
03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	2.07	
Note: For precast members		
03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	3.50	
Note: For precast members		
03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	4.95	
Note: For precast members		
03 48 29 00-0007 LF Bearing Pads, Continuous 2" Wide x 1" Thick Strips	6.46	
Note: For precast members		
03 48 29 00-0008 LF Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	9.32	
Note: For precast members		
03 48 29 00-0009 Bearing Pad Pipe Supports (03 48 29)		
03 48 29 00-0010 LF 8" Diameter Precast Balustrade, Decorative Shapes	82.84	
03 48 29 00-0011 LF Precast Rail Cap, <1 SF Cross Section	53.11	
03 48 29 00-0012 LF 4" x 4" Precast Pipe Support	7.73	
03 48 46 Precast Skylight Shells (03 48)		
03 48 46 00-0001 Installation Cost Using A 90 Ton Crawler Crane (03 48 46)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002 EA Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	472.14	212.50
03 48 46 00-0003 EA Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	524.27	235.93
03 48 46 00-0004 EA Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	589.32	265.20



		Concrete	03	CS
		Precast Concrete	03 40	
		Precast Concrete Specialties	03 48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 48 46 00-0005

Material Cost (03 48 46)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	3,738.89	
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03 48 49

Precast Landings (03 48)

03 48 49 00-0001	SF	3" Thick Precast Landing	93.27	
03 48 49 00-0002	SF	4" Thick Precast Landing	108.75	
03 48 49 00-0003	SF	5" Thick Precast Landing	123.54	
03 48 49 00-0004	SF	6" Thick Precast Landing	142.43	

03 48 54

Precast Concrete Blocks (03 48)

03 48 54 00-0001

Precast Concrete Blocks (03 48 54)

03 48 54 00-0002	EA	2' x 2' x 2' Precast Concrete Block	102.13	39.13
03 48 54 00-0003	EA	2' x 2' x 4' Precast Concrete Block	145.99	48.92
03 48 54 00-0004	EA	2' x 2' x 8' Precast Concrete Block	243.68	58.69

03 50 Cast Decks and Underlayment (03)

03 51 Cast Roof Decks (03 50)

03 51 13 Cementitious Wood Fiber Decks (03 51)

03 51 13 00-0001 Cement Fiber Tongue And Groove Planks (03 51 13)

03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.21	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.34	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.49	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.97	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.49	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.09	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.82	

03 51 16 Gypsum Concrete Roof Decks (03 51)

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck (03 51 16)

03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	10.31	0.51
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	12.77	0.60
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	15.26	0.69
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	17.75	0.77
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	20.29	0.86

03 51 16 00-0007 Form Board For Lightweight Deck (03 51 16)

03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	1.87	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	2.46	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	4.94	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.07	0.52
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.48	0.52
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	2.74	0.52
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	3.36	0.52

03 51 16 00-0015 Gypsum Plank (03 51 16)

03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.49	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.60	

03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping (03 53)

03 53 14 00-0001 Granolithic Topping Laid After (03 53 14)

Note: Using 1:1:1-1/2 mix.

03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.84	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.14	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.21	

03 53 19 Concrete Overlayment (03 53)

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish (03 53 19)

Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.28	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.56	

03 Concrete**03 50 Cast Decks and Underlayment****03 53 Concrete Topping**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.00	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.54	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.03	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.30	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.81	

03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment (03 54)**03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)**

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	1.45	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.13	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	2.50	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.13	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	3.21	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.13	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	4.61	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.13	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	5.46	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.13	
		For >100 To 250 SF, Add	0.06	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors	6.76	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.14	
		For >100 To 250 SF, Add	0.07	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors	8.86	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.14	
		For >100 To 250 SF, Add	0.07	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	11.71	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.16	
		For >100 To 250 SF, Add	0.08	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	13.13	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.16	
		For >100 To 250 SF, Add	0.08	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	17.44	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	0.20	
		For >100 To 250 SF, Add	0.10	

03 60 Grouting (03)**03 61 Cementitious Grouting (03 60)**

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout (03 61)**03 61 16 00-0001 Cementitious Flowable Grout (03 61 16)**

03 61 16 00-0002	CY	Cementitious Flowable Grout.....	397.25	
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03 62 Non-Shrink Grouting (03 60)**03 62 13 Non-Metallic Non-Shrink Grouting (03 62)****03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases (03 62 13)**

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	22.80	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	33.77	

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases (03 62 13)

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	34.93	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	56.02	

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints (03 62 13)**03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)**



		Concrete	03	CS
		Grouting	03 60	
		Non-Shrink Grouting	03 62	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.90	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.49	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.30	
03 62 13 00-0012		1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)		
03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	2.80	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.72	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.93	
03 62 16		Metallic Non-Shrink Grouting (03 62)		
03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases (03 62 16)		
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	29.56	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	45.60	
03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints (03 62 16)		
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)		
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.57	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.98	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.64	
03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)		
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.14	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.71	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.60	
03 63		Epoxy Grouting (03 60)		
03 63 00 00-0001		Spray On Concrete Epoxy Grout (03 63)		
		Note: (Sika 224) per thickness per coat.		
03 63 00 00-0002	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout	5.19	
		For Color, Add	1.40	
03 63 00 00-0003	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout	7.12	
		For Color, Add	2.11	
03 63 00 00-0004	SF	1" Thick Coat Spray On Concrete Epoxy Grout	9.14	
		For Color, Add	2.81	
03 64		Injection Grouting (03 60)		
		Note: By volume of void filled. Includes injection ports.		
03 64 23		Epoxy Injection Grouting (03 64)		
03 64 23 00-0001		Pressure Injected Epoxy Grout (03 64 23)		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	858.00	
		For >4, Deduct	-89.36	
03 64 26		Cementitious Injection Grouting (03 64)		
03 64 26 00-0001		Pressure Injected Cementitious Grout (03 64 26)		
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	161.83	
		For >4, Deduct	-38.67	
03 80		Concrete Cutting and Boring (03)		
03 81		Concrete Cutting (03 80)		
03 81 13		Flat Concrete Sawing (03 81)		
		See CSI section 02 41 19 13-0057 for saw cutting.		
03 81 16		Track Mounted Concrete Wall Sawing (03 81)		
		See CSI section 02 41 19 13-0057 for saw cutting.		
03 82		Concrete Boring (03 80)		
03 82 13		Concrete Core Drilling (03 82)		
		See CSI section 02 41 19 13-0080 for core drilling.		

03	03	Concrete
	03 80	Concrete Cutting and Boring
	03 82	Concrete Boring



MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST

END OF SECTION 03

NOT FOR BID



Masonry 04			04
Maintenance of Masonry 04 01			
Maintenance of Unit Masonry 04 01 20			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 Masonry

04 01 Maintenance of Masonry (04)

04 01 20 Maintenance of Unit Masonry (04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization (04 01 20)

04 01 20 41-0001 Masonry Repair (Helifix®) (04 01 20 41)

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	19.94
		For Up To 10, Add	8.31
		For >10 To 50, Add	4.16
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	29.08
		For Up To 10, Add	8.31
		For >10 To 50, Add	4.16
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	39.01
		For Up To 10, Add	8.31
		For >10 To 50, Add	4.16

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	21.92
		For Up To 10, Add	8.31
		For >10 To 50, Add	4.16
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	32.60
		For Up To 10, Add	8.31
		For >10 To 50, Add	4.16
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	44.29
		For Up To 10, Add	8.31
		For >10 To 50, Add	4.16

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0011)

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	52.35
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	57.54
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	178.04
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	52.35
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	57.54
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.45
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	74.55
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	178.04
		For Up To 10, Add	33.25
		For >10 To 50, Add	16.63

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0021	316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0011)		
04 01 20 41-0022	EA 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	55.17	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0023	EA 4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	61.31	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0024	EA 4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	201.59	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0025	EA 6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	55.17	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0026	EA 6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	61.31	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0027	EA 6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	68.16	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0028	EA 6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	81.15	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0029	EA 6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	201.59	
	For Up To 10, Add	33.25	
	For >10 To 50, Add	16.63	
04 01 20 41-0030	Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0001)		
	Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031	304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0032	EA 4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.01	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0033	EA 5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.94	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0034	EA 6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.87	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0035	EA 7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.80	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0036	EA 8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.73	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0037	EA 9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.66	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0038	EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.01	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0039	EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.94	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0040	EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.87	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0041	EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.80	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0042	EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.73	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0043	EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.59	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0044	EA 4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.01	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0045	EA 6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.87	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	
04 01 20 41-0046	EA 8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.26	
	For Up To 10, Add	4.99	
	For >10 To 50, Add	2.50	



Masonry			04	04
Maintenance of Masonry			04 01	
Maintenance of Unit Masonry			04 01 20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0048 EA 4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.01	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0049 EA 5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.94	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0050 EA 6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.87	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0051 EA 7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.80	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0052 EA 8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.73	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0053 EA 9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.66	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0054 EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.01	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0055 EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.94	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0056 EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.87	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0057 EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.80	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0058 EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.73	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0059 EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.59	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0060 EA 4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.01	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0061 EA 6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.87	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0062 EA 8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.26	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0003)		
Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)		
04 01 20 41-0065 EA 8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	7.82	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
For Metal Stud Clip, Add	2.23	
04 01 20 41-0066 EA 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.15	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
For Metal Stud Clip, Add	2.23	
04 01 20 41-0067 EA 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.22	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
For Metal Stud Clip, Add	2.23	
04 01 20 41-0068 EA 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.36	
For Up To 10, Add	4.99	
For >10 To 50, Add	2.50	
For Metal Stud Clip, Add	2.23	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.60	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.80	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.91	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.04	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.63	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.72	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.43	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.04	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.56	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.38	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.01	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.17	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	7.93	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.29	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.62	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.91	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.09	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA		10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.22	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0087	EA		10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.44	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0088	EA		10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.53	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0089	EA		10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.95	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0090	EA		10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.55	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0091	EA		10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.05	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0092	EA		10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.69	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0093	EA		10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.11	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0094	EA		10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.03	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0095	EA		10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.01	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0096	EA		8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	8.71	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0097	EA		8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	8.93	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0098	EA		8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.07	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0099	EA		8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.17	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0100	EA		8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.47	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0101	EA		8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.94	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0102	EA		8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.12	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.59	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.27	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.68	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.97	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.15	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.28	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.59	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®).....	4.17	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	2.49	
		For >10 To 50, Add	1.25	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.35	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.77	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.85	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.02	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.32	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.58	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.71	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.87	
		For Up To 10, Add	4.99	
		For >10 To 50, Add	2.50	
		For Metal Stud Clip, Add	2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA		8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.49	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0121	EA		8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.60	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0122	EA		8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.49	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0123	EA		8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.25	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0124	EA		8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.90	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0125	EA		8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.18	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0126	EA		8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.03	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0127	EA		8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	19.73	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0128	EA		10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.56	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0129	EA		10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.97	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0130	EA		10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.38	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0131	EA		10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.74	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0132	EA		10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.98	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0133	EA		10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.13	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0134	EA		10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.41	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0135	EA		10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.52	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0136	EA		10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.01	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA		10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.69	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0138	EA		10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.31	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0139	EA		10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.10	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0140	EA		10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.38	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0141	EA		10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	19.43	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0142	EA		10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	23.16	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0143	EA		8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.56	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0144	EA		8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.79	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0145	EA		8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.96	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0146	EA		8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.09	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0147	EA		8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.46	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0148	EA		8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.06	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0149	EA		8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.25	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0150	EA		8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.84	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0151	EA		10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.16	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0152	EA		10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.67	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	
04 01 20 41-0153	EA		10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.04	
			For Up To 10, Add	4.99	
			For >10 To 50, Add	2.50	
			For Metal Stud Clip, Add	2.23	



		Masonry	04	40
		Maintenance of Masonry	04 01	
		Maintenance of Unit Masonry	04 01 20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154 EA 10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) For Up To 10, Add For >10 To 50, Add For Metal Stud Clip, Add	11.27 4.99 2.50 2.23	
04 01 20 41-0155 EA 10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) For Up To 10, Add For >10 To 50, Add For Metal Stud Clip, Add	11.43 4.99 2.50 2.23	
04 01 20 41-0156 EA 10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) For Up To 10, Add For >10 To 50, Add For Metal Stud Clip, Add	11.81 4.99 2.50 2.23	
04 01 20 41-0157 EA 316 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire. For Up To 10, Add For >10 To 50, Add	4.58 2.49 1.25	
04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001) Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0158)		
04 01 20 41-0160 EA 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)..... For Up To 10, Add For >10 To 50, Add	6.52 4.99 2.50	
04 01 20 41-0161 EA 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)..... For Up To 10, Add For >10 To 50, Add	6.56 4.99 2.50	
04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0158)		
04 01 20 41-0163 EA 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)..... For Up To 10, Add For >10 To 50, Add	6.81 4.99 2.50	
04 01 20 41-0164 EA 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)..... For Up To 10, Add For >10 To 50, Add	6.87 4.99 2.50	
04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0001) Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0165)		
04 01 20 41-0167 EA 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)..... For Up To 10, Add For >10 To 50, Add	41.97 33.25 16.63	
04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0165)		
04 01 20 41-0169 EA 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)..... For Up To 10, Add For >10 To 50, Add	43.28 33.25 16.63	
04 01 20 41-0170 Unit Masonry Stabilization (04 01 20 41)		
04 01 20 41-0171 Repair Bulging Or Loose Masonry (04 01 20 41-0170)		
04 01 20 41-0172 SF Repair Bulging Or Loose Masonry Using Existing Masonry Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.	72.30	
04 01 20 41-0173 SF Repair Bulging Or Loose Masonry Using New Masonry Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.	77.34	
04 01 20 51 Unit Masonry Maintenance (04 01 20)		
04 01 20 51-0001 Grind Unit Masonry (04 01 20 51)		
04 01 20 51-0002 SF Grind Smooth Masonry Wall	3.40	
04 01 20 91 Unit Masonry Restoration (04 01 20) See CSI section 03 01 30 71-0078 for crack repair.		

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 91-0001	Cut And Repoint Masonry (04 01 20 91) Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.	
04 01 20 91-0002	SF Cut And Repoint, Hard Mortar, Running Bond, Brick	8.35
	For Common Bond, Add	0.31
	For Flemish Bond, Add	1.09
	For English Bond, Add	1.79
	For Oversized Or Larger Than Standard, Deduct	-1.25
	For Historical Restoration, Add	1.56
	For >250 To 1,000, Deduct	-0.39
	For >1,000, Deduct	-0.81
04 01 20 91-0003	SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	5.85
	For Common Bond, Add	0.21
	For Flemish Bond, Add	0.74
	For English Bond, Add	1.22
	For Oversized Or Larger Than Standard, Deduct	-0.88
	For Historical Restoration, Add	1.06
	For >250 To 1,000, Deduct	-0.26
	For >1,000, Deduct	-0.56
04 01 20 91-0004	SF Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	4.49
	For Common Bond, Add	0.16
	For Oversized Or Larger Than Standard, Deduct	-0.67
	For Historical Restoration, Add	0.79
	For >250 To 1,000, Deduct	-0.20
	For >1,000, Deduct	-0.42
04 01 20 91-0005	SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	3.24
	For Common Bond, Add	0.11
	For Oversized Or Larger Than Standard, Deduct	-0.49
	For Historical Restoration, Add	0.54
	For >250 To 1,000, Deduct	-0.13
	For >1,000, Deduct	-0.30
04 01 20 91-0006	LF Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	2.68

04 01 20 91-0007	Repair Masonry (04 01 20 91) Note: Includes mortar for repair.	
04 01 20 91-0008	SF Patch And Repair Terra Cotta Walls Or Coping	15.81
	Note: Including Replacement Of Damaged Material	
04 01 20 91-0009	SF Patch And Repair Terra Cotta Floors	14.62
	Note: Including Replacement Of Damaged Material	
04 01 20 91-0010	LF Chip And Repair With Masonry Patch, Cracks Up To 1/4"	3.84
04 01 20 91-0011	SF Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	6.72
04 01 20 91-0012	EA Cutout Individual Damaged Brick And Replace With New Brick	12.35
04 01 20 91-0013	LF Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base)	355.09
04 01 20 91-0014	LF Pressure Grout Block/Brick Master Builders RHEOCHEM 900 (Portland Cement Base)	101.31
04 01 20 91-0015	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	29.00
	For Cracks Accessible From Both Sides, Add	5.87
04 01 20 91-0016	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	26.34
	For Cracks Accessible From Both Sides, Add	5.87
04 01 20 91-0017	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	7.27
	For V-Grooving Crack With Grinder, Add	5.40
04 01 20 91-0018	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	9.61
	For V-Grooving Crack With Grinder, Add	5.13

04 01 50 Maintenance of Refractory Masonry (04 01)**04 01 50 52 Refractory Masonry Cleaning** (04 01 50)

04 01 50 52-0001	Chimney Cleaning (04 01 50 52)	
04 01 50 52-0002	LF Up To 2 SF Cross Section Chimney Cleaning	6.57
04 01 50 52-0003	LF >2 To 4 SF Cross Section Chimney Cleaning	13.12
04 01 50 52-0004	LF >4 SF Cross Section Chimney Cleaning	19.69

04 05 Common Work Results for Masonry (04)**04 05 13 Masonry Mortaring** (04 05)**04 05 13 26 Engineered Masonry Mortaring** (04 05 13)

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001	Masonry Cement Mortar (04 05 13 26) Note: Ratio is bag material to sand.	
04 05 13 26-0002	CF Type M Masonry Cement 1:1:6 Mix	6.68
04 05 13 26-0003	CF Type N Masonry Cement 1:3 Mix	6.16
04 05 13 26-0004	CF Type O Masonry Cement 1:3 Mix	6.32
04 05 13 26-0005	CF Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	6.92
04 05 13 26-0006	CF Type S Masonry Cement 1/2:1:4 Mix	7.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0007 Mortar Admixture (04 05 13 26)		
04 05 13 26-0008 CF Water - Repellent Stearate - Cost Based On CF Of Mortar	0.37	
04 05 13 26-0009 CF Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.07	
04 05 13 26-0010 Color Admixtures For Mortar (04 05 13 26)		
Note: Costs are based on CF of mortar.		
04 05 13 26-0011 CF Buff Colored Admixture	2.32	
04 05 13 26-0012 CF Brown Colored Admixture	2.63	
04 05 13 26-0013 CF Black Colored Admixture	3.26	
04 05 13 26-0014 CF Red Colored Admixture	7.13	
04 05 13 26-0015 Portland Cement (04 05 13 26)		
04 05 13 26-0016 CF Normal Portland Cement (Type I)	12.36	
04 05 13 26-0017 CF Modified Portland Cement (Type II)	6.17	
04 05 13 26-0018 CF High Early Strength Portland Cement (Type III)	6.55	
04 05 13 26-0019 CF White Non Staining Portland Cement (Type I)	13.70	
04 05 16 Masonry Grouting (04 05)		
04 05 16 26 Engineered Masonry Grouting (04 05 16)		
Note: Does not include reinforcement.		
04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill (04 05 16 26)		
Note: Excludes block.		
04 05 16 26-0002 LF Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	3.82	
04 05 16 26-0003 LF Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	4.17	
04 05 16 26-0004 LF Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	4.66	
04 05 16 26-0005 LF Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	5.21	
04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill (04 05 16 26)		
Note: Per SF of face area filled.		
04 05 16 26-0007 SF Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	2.95	
04 05 16 26-0008 SF Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	4.33	
04 05 16 26-0009 SF Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	6.18	
04 05 16 26-0010 SF Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	7.59	
04 05 16 26-0011 SF Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	8.97	
04 05 16 26-0012 Grout Cavity Walls, Grout Fill (04 05 16 26)		
Note: Per SF of face area filled.		
04 05 16 26-0013 SF Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	3.50	
04 05 16 26-0014 SF Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	4.94	
04 05 16 26-0015 SF Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	6.21	
04 05 16 26-0016 SF Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	8.45	
04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)		
04 05 16 26-0018 LF Grout Door Frames - Grout Fill	5.58	
04 05 16 26-0019 LF Grout Window Frames - Grout Fill	4.79	
04 05 16 26-0020 Sand Filled Walls (04 05 16 26)		
04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill (04 05 16 26-0020)		
Note: Per SF of face area filled.		
04 05 16 26-0022 SF Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	2.95	
04 05 16 26-0023 SF Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.08	
04 05 16 26-0024 SF Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.03	
04 05 16 26-0025 SF Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	6.73	
04 05 19 Masonry Anchorage and Reinforcing (04 05)		
04 05 19 13 Continuous Joint Reinforcing (04 05 19)		
Note: Includes cutting and bending.		
04 05 19 13-0001 Continuous Joint Reinforcing (04 05 19 13)		
04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0001)		
04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	54.60	
		For Hot-Dipped Galvanized, Add.....	11.00	
		For Stainless Steel, Add.....	44.00	
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	57.94	
		For Hot-Dipped Galvanized, Add.....	11.56	
		For Stainless Steel, Add.....	46.22	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	62.36	
		For Hot-Dipped Galvanized, Add.....	12.18	
		For Stainless Steel, Add.....	48.72	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	67.57	
		For Hot-Dipped Galvanized, Add.....	12.89	
		For Stainless Steel, Add.....	51.54	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	73.59	
		For Hot-Dipped Galvanized, Add.....	13.58	
		For Stainless Steel, Add.....	54.30	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	77.99	
		For Hot-Dipped Galvanized, Add.....	13.92	
		For Stainless Steel, Add.....	55.66	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	81.26	
		For Hot-Dipped Galvanized, Add.....	14.30	
		For Stainless Steel, Add.....	57.20	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	95.33	
		For Hot-Dipped Galvanized, Add.....	19.66	
		For Stainless Steel, Add.....	78.64	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	120.13	
		For Hot-Dipped Galvanized, Add.....	30.39	
		For Stainless Steel, Add.....	121.56	
04 05 19 13-0014		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	66.80	
		For Hot-Dipped Galvanized, Add.....	17.10	
		For Stainless Steel, Add.....	68.40	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	70.27	
		For Hot-Dipped Galvanized, Add.....	17.72	
		For Stainless Steel, Add.....	70.88	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	74.82	
		For Hot-Dipped Galvanized, Add.....	18.41	
		For Stainless Steel, Add.....	73.64	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	79.90	
		For Hot-Dipped Galvanized, Add.....	19.05	
		For Stainless Steel, Add.....	76.20	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	85.89	
		For Hot-Dipped Galvanized, Add.....	19.73	
		For Stainless Steel, Add.....	78.90	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	90.33	
		For Hot-Dipped Galvanized, Add.....	20.10	
		For Stainless Steel, Add.....	80.38	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	93.54	
		For Hot-Dipped Galvanized, Add.....	20.44	
		For Stainless Steel, Add.....	81.74	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	111.54	
		For Hot-Dipped Galvanized, Add.....	27.77	
		For Stainless Steel, Add.....	111.08	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	147.95	
		For Hot-Dipped Galvanized, Add.....	44.31	
		For Stainless Steel, Add.....	177.22	
04 05 19 13-0024		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	78.62	
		For Hot-Dipped Galvanized, Add.....	23.01	
		For Stainless Steel, Add.....	92.04	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.67	
		For Hot-Dipped Galvanized, Add	24.28	
		For Stainless Steel, Add	97.10	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.69	
		For Hot-Dipped Galvanized, Add	25.54	
		For Stainless Steel, Add	102.14	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.91	
		For Hot-Dipped Galvanized, Add	27.06	
		For Stainless Steel, Add	108.22	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.09	
		For Hot-Dipped Galvanized, Add	28.56	
		For Stainless Steel, Add	114.22	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.88	
		For Hot-Dipped Galvanized, Add	29.36	
		For Stainless Steel, Add	117.44	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.35	
		For Hot-Dipped Galvanized, Add	30.05	
		For Stainless Steel, Add	120.20	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.88	
		For Hot-Dipped Galvanized, Add	31.44	
		For Stainless Steel, Add	125.74	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	163.79	
		For Hot-Dipped Galvanized, Add	52.22	
		For Stainless Steel, Add	208.88	
04 05 19 13-0034		Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	82.69	
		For Hot-Dipped Galvanized, Add	25.05	
		For Stainless Steel, Add	100.18	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.01	
		For Hot-Dipped Galvanized, Add	25.59	
		For Stainless Steel, Add	102.36	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.42	
		For Hot-Dipped Galvanized, Add	26.22	
		For Stainless Steel, Add	104.86	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.64	
		For Hot-Dipped Galvanized, Add	26.92	
		For Stainless Steel, Add	107.68	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.67	
		For Hot-Dipped Galvanized, Add	27.61	
		For Stainless Steel, Add	110.44	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.05	
		For Hot-Dipped Galvanized, Add	27.95	
		For Stainless Steel, Add	111.78	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.32	
		For Hot-Dipped Galvanized, Add	28.33	
		For Stainless Steel, Add	113.32	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.39	
		For Hot-Dipped Galvanized, Add	33.69	
		For Stainless Steel, Add	134.76	
04 05 19 13-0043		Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.88	
		For Hot-Dipped Galvanized, Add	31.14	
		For Stainless Steel, Add	124.56	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	98.36	
		For Hot-Dipped Galvanized, Add	31.77	
		For Stainless Steel, Add	127.06	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.90	
		For Hot-Dipped Galvanized, Add	32.46	
		For Stainless Steel, Add	129.82	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	107.99	
		For Hot-Dipped Galvanized, Add.....	33.10	
		For Stainless Steel, Add.....	132.38	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	113.99	
		For Hot-Dipped Galvanized, Add.....	33.77	
		For Stainless Steel, Add.....	135.08	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	118.42	
		For Hot-Dipped Galvanized, Add.....	34.14	
		For Stainless Steel, Add.....	136.56	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	121.61	
		For Hot-Dipped Galvanized, Add.....	34.48	
		For Stainless Steel, Add.....	137.90	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	139.62	
		For Hot-Dipped Galvanized, Add.....	41.81	
		For Stainless Steel, Add.....	167.24	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	176.04	
		For Hot-Dipped Galvanized, Add.....	58.35	
		For Stainless Steel, Add.....	233.40	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	106.69	
		For Hot-Dipped Galvanized, Add.....	37.05	
		For Stainless Steel, Add.....	148.18	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	111.74	
		For Hot-Dipped Galvanized, Add.....	38.31	
		For Stainless Steel, Add.....	153.24	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	116.78	
		For Hot-Dipped Galvanized, Add.....	39.58	
		For Stainless Steel, Add.....	158.32	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	123.97	
		For Hot-Dipped Galvanized, Add.....	41.09	
		For Stainless Steel, Add.....	164.34	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	131.17	
		For Hot-Dipped Galvanized, Add.....	42.60	
		For Stainless Steel, Add.....	170.38	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	136.95	
		For Hot-Dipped Galvanized, Add.....	43.40	
		For Stainless Steel, Add.....	173.58	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	140.42	
		For Hot-Dipped Galvanized, Add.....	44.09	
		For Stainless Steel, Add.....	176.34	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	146.94	
		For Hot-Dipped Galvanized, Add.....	45.47	
		For Stainless Steel, Add.....	181.86	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	191.87	
		For Hot-Dipped Galvanized, Add.....	66.26	
		For Stainless Steel, Add.....	265.04	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	110.76	
		For Hot-Dipped Galvanized, Add.....	39.08	
		For Stainless Steel, Add.....	156.32	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	114.08	
		For Hot-Dipped Galvanized, Add.....	39.63	
		For Stainless Steel, Add.....	158.50	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	118.49	
		For Hot-Dipped Galvanized, Add.....	40.25	
		For Stainless Steel, Add.....	161.00	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	123.72	
		For Hot-Dipped Galvanized, Add.....	40.96	
		For Stainless Steel, Add.....	163.84	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	129.75	
		For Hot-Dipped Galvanized, Add	41.65	
		For Stainless Steel, Add	166.60	
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	134.13	
		For Hot-Dipped Galvanized, Add	41.99	
		For Stainless Steel, Add	167.94	
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	137.40	
		For Hot-Dipped Galvanized, Add	42.37	
		For Stainless Steel, Add	169.48	
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	151.47	
		For Hot-Dipped Galvanized, Add	47.73	
		For Stainless Steel, Add	190.92	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	176.27	
		For Hot-Dipped Galvanized, Add	58.46	
		For Stainless Steel, Add	233.84	
04 05 19 13-0073		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	122.95	
		For Hot-Dipped Galvanized, Add	45.18	
		For Stainless Steel, Add	180.70	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	126.44	
		For Hot-Dipped Galvanized, Add	45.81	
		For Stainless Steel, Add	183.22	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	130.98	
		For Hot-Dipped Galvanized, Add	46.50	
		For Stainless Steel, Add	185.98	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	136.07	
		For Hot-Dipped Galvanized, Add	47.14	
		For Stainless Steel, Add	188.54	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	142.07	
		For Hot-Dipped Galvanized, Add	47.81	
		For Stainless Steel, Add	191.24	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	146.49	
		For Hot-Dipped Galvanized, Add	48.18	
		For Stainless Steel, Add	192.70	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	149.69	
		For Hot-Dipped Galvanized, Add	48.52	
		For Stainless Steel, Add	194.06	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	167.69	
		For Hot-Dipped Galvanized, Add	55.85	
		For Stainless Steel, Add	223.38	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	204.11	
		For Hot-Dipped Galvanized, Add	72.39	
		For Stainless Steel, Add	289.54	
04 05 19 13-0083		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	134.76	
		For Hot-Dipped Galvanized, Add	51.08	
		For Stainless Steel, Add	204.32	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	139.82	
		For Hot-Dipped Galvanized, Add	52.35	
		For Stainless Steel, Add	209.40	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	144.85	
		For Hot-Dipped Galvanized, Add	53.62	
		For Stainless Steel, Add	214.46	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	152.05	
		For Hot-Dipped Galvanized, Add	55.13	
		For Stainless Steel, Add	220.50	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	159.24	
		For Hot-Dipped Galvanized, Add	56.63	
		For Stainless Steel, Add	226.52	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	165.03	
		For Hot-Dipped Galvanized, Add.....	57.44	
		For Stainless Steel, Add.....	229.74	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	168.50	
		For Hot-Dipped Galvanized, Add.....	58.13	
		For Stainless Steel, Add.....	232.50	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	175.02	
		For Hot-Dipped Galvanized, Add.....	59.51	
		For Stainless Steel, Add.....	238.02	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	219.94	
		For Hot-Dipped Galvanized, Add.....	80.30	
		For Stainless Steel, Add.....	321.18	
04 05 19 13-0093		Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0094		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)		
04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	79.73	
		For Hot-Dipped Galvanized, Add.....	18.70	
		For Stainless Steel, Add.....	74.80	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	87.85	
		For Hot-Dipped Galvanized, Add.....	20.42	
		For Stainless Steel, Add.....	81.66	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	95.59	
		For Hot-Dipped Galvanized, Add.....	21.93	
		For Stainless Steel, Add.....	87.72	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	102.04	
		For Hot-Dipped Galvanized, Add.....	22.81	
		For Stainless Steel, Add.....	91.24	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	106.01	
		For Hot-Dipped Galvanized, Add.....	23.62	
		For Stainless Steel, Add.....	94.46	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	113.85	
		For Hot-Dipped Galvanized, Add.....	25.42	
		For Stainless Steel, Add.....	101.68	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	120.57	
		For Hot-Dipped Galvanized, Add.....	26.90	
		For Stainless Steel, Add.....	107.60	
04 05 19 13-0102		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)		
04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	94.92	
		For Hot-Dipped Galvanized, Add.....	26.30	
		For Stainless Steel, Add.....	105.18	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	103.08	
		For Hot-Dipped Galvanized, Add.....	28.03	
		For Stainless Steel, Add.....	112.12	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	110.65	
		For Hot-Dipped Galvanized, Add.....	29.46	
		For Stainless Steel, Add.....	117.84	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	117.26	
		For Hot-Dipped Galvanized, Add.....	30.42	
		For Stainless Steel, Add.....	121.68	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	121.21	
		For Hot-Dipped Galvanized, Add.....	31.22	
		For Stainless Steel, Add.....	124.86	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	129.04	
		For Hot-Dipped Galvanized, Add.....	33.02	
		For Stainless Steel, Add.....	132.06	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	135.97	
		For Hot-Dipped Galvanized, Add.....	34.60	
		For Stainless Steel, Add.....	138.40	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0110		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement ^(04 05 19 13-0093)		
04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	102.30	
		For Hot-Dipped Galvanized, Add	29.99	
		For Stainless Steel, Add	119.94	
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.21	
		For Hot-Dipped Galvanized, Add	32.60	
		For Stainless Steel, Add	130.38	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	122.04	
		For Hot-Dipped Galvanized, Add	35.16	
		For Stainless Steel, Add	140.62	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	129.46	
		For Hot-Dipped Galvanized, Add	36.52	
		For Stainless Steel, Add	146.08	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	134.31	
		For Hot-Dipped Galvanized, Add	37.77	
		For Stainless Steel, Add	151.06	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.87	
		For Hot-Dipped Galvanized, Add	40.43	
		For Stainless Steel, Add	161.72	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	152.85	
		For Hot-Dipped Galvanized, Add	43.04	
		For Stainless Steel, Add	172.16	
04 05 19 13-0118		Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement ^(04 05 19 13-0002)		
04 05 19 13-0119		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement ^(04 05 19 13-0118)		
04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	120.63	
		For Hot-Dipped Galvanized, Add	39.15	
		For Stainless Steel, Add	156.60	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	127.71	
		For Hot-Dipped Galvanized, Add	40.35	
		For Stainless Steel, Add	161.38	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	134.84	
		For Hot-Dipped Galvanized, Add	41.56	
		For Stainless Steel, Add	166.22	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	144.59	
		For Hot-Dipped Galvanized, Add	42.91	
		For Stainless Steel, Add	171.62	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	151.51	
		For Hot-Dipped Galvanized, Add	44.25	
		For Stainless Steel, Add	177.00	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	159.38	
		For Hot-Dipped Galvanized, Add	46.31	
		For Stainless Steel, Add	185.22	
04 05 19 13-0126		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement ^(04 05 19 13-0118)		
04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	144.45	
		For Hot-Dipped Galvanized, Add	51.06	
		For Stainless Steel, Add	204.24	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	151.56	
		For Hot-Dipped Galvanized, Add	52.27	
		For Stainless Steel, Add	209.08	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	159.00	
		For Hot-Dipped Galvanized, Add	53.64	
		For Stainless Steel, Add	214.54	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	168.44	
		For Hot-Dipped Galvanized, Add	54.83	
		For Stainless Steel, Add	219.32	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	175.40	
		For Hot-Dipped Galvanized, Add	56.20	
		For Stainless Steel, Add	224.78	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	181.89	
		For Hot-Dipped Galvanized, Add	57.56	
		For Stainless Steel, Add	230.24	
04 05 19 13-0133		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0118)		
04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	146.20	
		For Hot-Dipped Galvanized, Add	51.94	
		For Stainless Steel, Add	207.74	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	154.63	
		For Hot-Dipped Galvanized, Add	53.81	
		For Stainless Steel, Add	215.22	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	163.04	
		For Hot-Dipped Galvanized, Add	55.66	
		For Stainless Steel, Add	222.62	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	174.57	
		For Hot-Dipped Galvanized, Add	57.90	
		For Stainless Steel, Add	231.58	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	183.25	
		For Hot-Dipped Galvanized, Add	60.12	
		For Stainless Steel, Add	240.48	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	191.42	
		For Hot-Dipped Galvanized, Add	62.33	
		For Stainless Steel, Add	249.30	
04 05 19 13-0140		Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0141		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0140)		
04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	129.76	
		For Hot-Dipped Galvanized, Add	41.37	
		For Stainless Steel, Add	165.48	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	136.83	
		For Hot-Dipped Galvanized, Add	42.55	
		For Stainless Steel, Add	170.20	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	146.24	
		For Hot-Dipped Galvanized, Add	43.73	
		For Stainless Steel, Add	174.92	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	153.27	
		For Hot-Dipped Galvanized, Add	45.13	
		For Stainless Steel, Add	180.52	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	159.72	
		For Hot-Dipped Galvanized, Add	46.48	
		For Stainless Steel, Add	185.90	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	167.77	
		For Hot-Dipped Galvanized, Add	49.19	
		For Stainless Steel, Add	196.76	
04 05 19 13-0148		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0140)		
04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	153.62	
		For Hot-Dipped Galvanized, Add	53.30	
		For Stainless Steel, Add	213.20	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	160.72	
		For Hot-Dipped Galvanized, Add	54.50	
		For Stainless Steel, Add	217.98	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	170.46	
		For Hot-Dipped Galvanized, Add	55.84	
		For Stainless Steel, Add	223.36	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.09	
		For Hot-Dipped Galvanized, Add	57.04	
		For Stainless Steel, Add	228.16	
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	183.57	
		For Hot-Dipped Galvanized, Add	58.40	
		For Stainless Steel, Add	233.60	
04 05 19 13-0154	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	191.92	
		For Hot-Dipped Galvanized, Add	61.27	
		For Stainless Steel, Add	245.06	
04 05 19 13-0155		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0140)		
04 05 19 13-0156	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	155.30	
		For Hot-Dipped Galvanized, Add	54.14	
		For Stainless Steel, Add	216.56	
04 05 19 13-0157	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	163.75	
		For Hot-Dipped Galvanized, Add	56.01	
		For Stainless Steel, Add	224.04	
04 05 19 13-0158	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	174.57	
		For Hot-Dipped Galvanized, Add	57.90	
		For Stainless Steel, Add	231.58	
04 05 19 13-0159	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	183.25	
		For Hot-Dipped Galvanized, Add	60.12	
		For Stainless Steel, Add	240.48	
04 05 19 13-0160	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	191.42	
		For Hot-Dipped Galvanized, Add	62.33	
		For Stainless Steel, Add	249.30	
04 05 19 13-0161	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	200.38	
		For Hot-Dipped Galvanized, Add	65.50	
		For Stainless Steel, Add	261.98	
04 05 19 13-0162		Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0163		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)		
04 05 19 13-0164	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	121.91	
		For Hot-Dipped Galvanized, Add	37.45	
		For Stainless Steel, Add	149.78	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0165	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	128.58	
		For Hot-Dipped Galvanized, Add	38.43	
		For Stainless Steel, Add	153.70	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0166	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	137.72	
		For Hot-Dipped Galvanized, Add	39.47	
		For Stainless Steel, Add	157.88	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0167	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	144.17	
		For Hot-Dipped Galvanized, Add	40.58	
		For Stainless Steel, Add	162.32	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0168	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.25	
		For Hot-Dipped Galvanized, Add	41.74	
		For Stainless Steel, Add	166.96	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0169	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	154.96	
		For Hot-Dipped Galvanized, Add	42.79	
		For Stainless Steel, Add	171.14	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0170		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)		

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	144.28	
		For Hot-Dipped Galvanized, Add	48.63	
		For Stainless Steel, Add	194.52	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.51	
		For Hot-Dipped Galvanized, Add	49.39	
		For Stainless Steel, Add	197.56	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	159.72	
		For Hot-Dipped Galvanized, Add	50.47	
		For Stainless Steel, Add	201.88	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	166.03	
		For Hot-Dipped Galvanized, Add	51.51	
		For Stainless Steel, Add	206.04	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	171.88	
		For Hot-Dipped Galvanized, Add	52.56	
		For Stainless Steel, Add	210.22	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	179.02	
		For Hot-Dipped Galvanized, Add	54.82	
		For Stainless Steel, Add	219.26	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0177		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)		
04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	145.93	
		For Hot-Dipped Galvanized, Add	49.46	
		For Stainless Steel, Add	197.82	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	154.22	
		For Hot-Dipped Galvanized, Add	51.25	
		For Stainless Steel, Add	204.98	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	164.80	
		For Hot-Dipped Galvanized, Add	53.01	
		For Stainless Steel, Add	212.04	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	173.28	
		For Hot-Dipped Galvanized, Add	55.14	
		For Stainless Steel, Add	220.54	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	181.28	
		For Hot-Dipped Galvanized, Add	57.26	
		For Stainless Steel, Add	229.02	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	188.11	
		For Hot-Dipped Galvanized, Add	59.36	
		For Stainless Steel, Add	237.44	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0184		Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0185		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)		
04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	131.07	
		For Hot-Dipped Galvanized, Add	39.67	
		For Stainless Steel, Add	158.68	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	140.04	
		For Hot-Dipped Galvanized, Add	40.63	
		For Stainless Steel, Add	162.52	
		For Seismic Hook And Eye, Add	27.50	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	146.19	
		For Hot-Dipped Galvanized, Add	41.59	
		For Stainless Steel, Add	166.36	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	152.41	
		For Hot-Dipped Galvanized, Add	42.82	
		For Stainless Steel, Add	171.28	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0190	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	157.25	
		For Hot-Dipped Galvanized, Add	43.93	
		For Stainless Steel, Add	175.72	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0191		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)		
04 05 19 13-0192	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	152.63	
		For Hot-Dipped Galvanized, Add	50.45	
		For Stainless Steel, Add	201.80	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0193	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	161.77	
		For Hot-Dipped Galvanized, Add	51.50	
		For Stainless Steel, Add	205.98	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0194	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	168.22	
		For Hot-Dipped Galvanized, Add	52.61	
		For Stainless Steel, Add	210.42	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0195	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	173.77	
		For Hot-Dipped Galvanized, Add	53.50	
		For Stainless Steel, Add	214.00	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0196	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	178.82	
		For Hot-Dipped Galvanized, Add	54.72	
		For Stainless Steel, Add	218.86	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0197		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)		
04 05 19 13-0198	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	154.86	
		For Hot-Dipped Galvanized, Add	51.57	
		For Stainless Steel, Add	206.26	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0199	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	165.48	
		For Hot-Dipped Galvanized, Add	53.35	
		For Stainless Steel, Add	213.40	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0200	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	173.28	
		For Hot-Dipped Galvanized, Add	55.14	
		For Stainless Steel, Add	220.54	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0201	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	181.28	
		For Hot-Dipped Galvanized, Add	57.26	
		For Stainless Steel, Add	229.02	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0202	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	188.11	
		For Hot-Dipped Galvanized, Add	59.36	
		For Stainless Steel, Add	237.44	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0203		Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0001)		
04 05 19 13-0204		Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0205		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0206	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	63.80	
		For Hot-Dipped Galvanized, Add	15.60	
		For Stainless Steel, Add	62.40	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	66.36	
		For Hot-Dipped Galvanized, Add	15.77	
		For Stainless Steel, Add	63.06	
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	70.78	
		For Hot-Dipped Galvanized, Add	16.39	
		For Stainless Steel, Add	65.56	
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	76.20	
		For Hot-Dipped Galvanized, Add	17.20	
		For Stainless Steel, Add	68.80	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	82.66	
		For Hot-Dipped Galvanized, Add	18.11	
		For Stainless Steel, Add	72.44	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	87.35	
		For Hot-Dipped Galvanized, Add	18.60	
		For Stainless Steel, Add	74.38	
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	90.86	
		For Hot-Dipped Galvanized, Add	19.31	
		For Stainless Steel, Add	77.22	
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	110.24	
		For Hot-Dipped Galvanized, Add	27.12	
		For Stainless Steel, Add	108.48	
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	116.68	
		For Hot-Dipped Galvanized, Add	28.67	
		For Stainless Steel, Add	114.68	
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	162.71	
		For Hot-Dipped Galvanized, Add	49.59	
		For Stainless Steel, Add	198.36	
04 05 19 13-0216		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	75.86	
		For Hot-Dipped Galvanized, Add	21.63	
		For Stainless Steel, Add	86.52	
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	78.69	
		For Hot-Dipped Galvanized, Add	21.93	
		For Stainless Steel, Add	87.72	
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	83.11	
		For Hot-Dipped Galvanized, Add	22.56	
		For Stainless Steel, Add	90.22	
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	88.49	
		For Hot-Dipped Galvanized, Add	23.35	
		For Stainless Steel, Add	93.38	
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	94.79	
		For Hot-Dipped Galvanized, Add	24.18	
		For Stainless Steel, Add	96.70	
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	99.63	
		For Hot-Dipped Galvanized, Add	24.75	
		For Stainless Steel, Add	98.98	
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	102.95	
		For Hot-Dipped Galvanized, Add	25.35	
		For Stainless Steel, Add	101.40	
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	126.48	
		For Hot-Dipped Galvanized, Add	35.24	
		For Stainless Steel, Add	140.96	
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	132.92	
		For Hot-Dipped Galvanized, Add	36.79	
		For Stainless Steel, Add	147.16	
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	198.35	
		For Hot-Dipped Galvanized, Add	69.51	
		For Stainless Steel, Add	278.02	
04 05 19 13-0227		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	94.32	
		For Hot-Dipped Galvanized, Add	30.86	
		For Stainless Steel, Add	123.44	
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	97.62	
		For Hot-Dipped Galvanized, Add	31.25	
		For Stainless Steel, Add	125.00	
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	102.41	
		For Hot-Dipped Galvanized, Add	32.40	
		For Stainless Steel, Add	129.58	
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.72	
		For Hot-Dipped Galvanized, Add	33.96	
		For Stainless Steel, Add	135.84	
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.81	
		For Hot-Dipped Galvanized, Add	35.92	
		For Stainless Steel, Add	143.66	
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.77	
		For Hot-Dipped Galvanized, Add	36.81	
		For Stainless Steel, Add	147.22	
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.52	
		For Hot-Dipped Galvanized, Add	38.14	
		For Stainless Steel, Add	152.54	
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	163.08	
		For Hot-Dipped Galvanized, Add	53.54	
		For Stainless Steel, Add	214.14	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.48	
		For Hot-Dipped Galvanized, Add	56.57	
		For Stainless Steel, Add	226.26	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	259.14	
		For Hot-Dipped Galvanized, Add	97.81	
		For Stainless Steel, Add	391.22	
04 05 19 13-0238		Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	82.69	
		For Hot-Dipped Galvanized, Add	25.05	
		For Stainless Steel, Add	100.18	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	86.01	
		For Hot-Dipped Galvanized, Add	25.59	
		For Stainless Steel, Add	102.36	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	90.42	
		For Hot-Dipped Galvanized, Add	26.22	
		For Stainless Steel, Add	104.86	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	95.64	
		For Hot-Dipped Galvanized, Add	26.92	
		For Stainless Steel, Add	107.68	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	101.67	
		For Hot-Dipped Galvanized, Add	27.61	
		For Stainless Steel, Add	110.44	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	106.05	
		For Hot-Dipped Galvanized, Add	27.95	
		For Stainless Steel, Add	111.78	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	109.32	
		For Hot-Dipped Galvanized, Add	28.33	
		For Stainless Steel, Add	113.32	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	123.39	
		For Hot-Dipped Galvanized, Add	33.69	
		For Stainless Steel, Add	134.76	
04 05 19 13-0247		Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	94.88	
		For Hot-Dipped Galvanized, Add	31.14	
		For Stainless Steel, Add	124.56	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	98.36	
		For Hot-Dipped Galvanized, Add	31.77	
		For Stainless Steel, Add	127.06	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	102.90	
		For Hot-Dipped Galvanized, Add.....	32.46	
		For Stainless Steel, Add.....	129.82	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	107.99	
		For Hot-Dipped Galvanized, Add.....	33.10	
		For Stainless Steel, Add.....	132.38	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	113.99	
		For Hot-Dipped Galvanized, Add.....	33.77	
		For Stainless Steel, Add.....	135.08	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	118.42	
		For Hot-Dipped Galvanized, Add.....	34.14	
		For Stainless Steel, Add.....	136.56	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	121.61	
		For Hot-Dipped Galvanized, Add.....	34.49	
		For Stainless Steel, Add.....	137.90	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	139.62	
		For Hot-Dipped Galvanized, Add.....	41.81	
		For Stainless Steel, Add.....	167.24	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	176.04	
		For Hot-Dipped Galvanized, Add.....	58.35	
		For Stainless Steel, Add.....	233.40	
04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)				
04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	106.69	
		For Hot-Dipped Galvanized, Add.....	37.05	
		For Stainless Steel, Add.....	148.18	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	111.74	
		For Hot-Dipped Galvanized, Add.....	38.31	
		For Stainless Steel, Add.....	153.24	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	116.78	
		For Hot-Dipped Galvanized, Add.....	39.58	
		For Stainless Steel, Add.....	158.32	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	123.97	
		For Hot-Dipped Galvanized, Add.....	41.09	
		For Stainless Steel, Add.....	164.34	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	131.17	
		For Hot-Dipped Galvanized, Add.....	42.60	
		For Stainless Steel, Add.....	170.38	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	136.95	
		For Hot-Dipped Galvanized, Add.....	43.40	
		For Stainless Steel, Add.....	173.58	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	140.42	
		For Hot-Dipped Galvanized, Add.....	44.09	
		For Stainless Steel, Add.....	176.34	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	146.94	
		For Hot-Dipped Galvanized, Add.....	45.47	
		For Stainless Steel, Add.....	181.86	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	191.87	
		For Hot-Dipped Galvanized, Add.....	66.26	
		For Stainless Steel, Add.....	265.04	
04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)				
04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	110.76	
		For Hot-Dipped Galvanized, Add.....	39.08	
		For Stainless Steel, Add.....	156.32	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	114.08	
		For Hot-Dipped Galvanized, Add.....	39.63	
		For Stainless Steel, Add.....	158.50	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	118.49	
		For Hot-Dipped Galvanized, Add.....	40.25	
		For Stainless Steel, Add.....	161.00	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	123.72	
		For Hot-Dipped Galvanized, Add	40.96	
		For Stainless Steel, Add	163.84	
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	129.75	
		For Hot-Dipped Galvanized, Add	41.65	
		For Stainless Steel, Add	166.60	
04 05 19 13-0273	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	134.13	
		For Hot-Dipped Galvanized, Add	41.99	
		For Stainless Steel, Add	167.94	
04 05 19 13-0274	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	137.40	
		For Hot-Dipped Galvanized, Add	42.37	
		For Stainless Steel, Add	169.48	
04 05 19 13-0275	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	151.47	
		For Hot-Dipped Galvanized, Add	47.73	
		For Stainless Steel, Add	190.92	
04 05 19 13-0276	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	176.27	
		For Hot-Dipped Galvanized, Add	58.46	
		For Stainless Steel, Add	233.84	
04 05 19 13-0277		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0278	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	122.95	
		For Hot-Dipped Galvanized, Add	45.18	
		For Stainless Steel, Add	180.70	
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	126.44	
		For Hot-Dipped Galvanized, Add	45.81	
		For Stainless Steel, Add	183.22	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	130.98	
		For Hot-Dipped Galvanized, Add	46.50	
		For Stainless Steel, Add	185.98	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	136.07	
		For Hot-Dipped Galvanized, Add	47.14	
		For Stainless Steel, Add	188.54	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	142.07	
		For Hot-Dipped Galvanized, Add	47.81	
		For Stainless Steel, Add	191.24	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	146.49	
		For Hot-Dipped Galvanized, Add	48.18	
		For Stainless Steel, Add	192.70	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	149.69	
		For Hot-Dipped Galvanized, Add	48.52	
		For Stainless Steel, Add	194.06	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	167.69	
		For Hot-Dipped Galvanized, Add	55.85	
		For Stainless Steel, Add	223.38	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	204.11	
		For Hot-Dipped Galvanized, Add	72.39	
		For Stainless Steel, Add	289.54	
04 05 19 13-0287		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	134.76	
		For Hot-Dipped Galvanized, Add	51.08	
		For Stainless Steel, Add	204.32	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	139.82	
		For Hot-Dipped Galvanized, Add	52.35	
		For Stainless Steel, Add	209.40	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	144.85	
		For Hot-Dipped Galvanized, Add	53.62	
		For Stainless Steel, Add	214.46	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	152.05	
		For Hot-Dipped Galvanized, Add	55.13	
		For Stainless Steel, Add	220.50	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	159.24	
		For Hot-Dipped Galvanized, Add	56.63	
		For Stainless Steel, Add	226.52	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	165.03	
		For Hot-Dipped Galvanized, Add	57.44	
		For Stainless Steel, Add	229.74	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	168.50	
		For Hot-Dipped Galvanized, Add	58.13	
		For Stainless Steel, Add	232.50	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	175.02	
		For Hot-Dipped Galvanized, Add	59.51	
		For Stainless Steel, Add	238.02	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	219.94	
		For Hot-Dipped Galvanized, Add	80.30	
		For Stainless Steel, Add	321.18	
04 05 19 13-0297		Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0298		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)		
04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	91.21	
		For Hot-Dipped Galvanized, Add	24.44	
		For Stainless Steel, Add	97.76	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	98.26	
		For Hot-Dipped Galvanized, Add	25.62	
		For Stainless Steel, Add	102.48	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	105.97	
		For Hot-Dipped Galvanized, Add	27.12	
		For Stainless Steel, Add	108.48	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	112.72	
		For Hot-Dipped Galvanized, Add	28.15	
		For Stainless Steel, Add	112.60	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	116.79	
		For Hot-Dipped Galvanized, Add	29.01	
		For Stainless Steel, Add	116.02	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	125.17	
		For Hot-Dipped Galvanized, Add	31.08	
		For Stainless Steel, Add	124.32	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	133.07	
		For Hot-Dipped Galvanized, Add	33.15	
		For Stainless Steel, Add	132.60	
04 05 19 13-0306		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)		
04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	106.44	
		For Hot-Dipped Galvanized, Add	32.06	
		For Stainless Steel, Add	128.22	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	113.52	
		For Hot-Dipped Galvanized, Add	33.25	
		For Stainless Steel, Add	133.00	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	121.17	
		For Hot-Dipped Galvanized, Add	34.72	
		For Stainless Steel, Add	138.88	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	127.94	
		For Hot-Dipped Galvanized, Add	35.76	
		For Stainless Steel, Add	143.04	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	131.92	
		For Hot-Dipped Galvanized, Add	36.57	
		For Stainless Steel, Add	146.28	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement.....	140.33	
		For Hot-Dipped Galvanized, Add	38.66	
		For Stainless Steel, Add	154.64	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	148.30 40.77 163.06	
04 05 19 13-0314		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)		
04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	120.56 39.12 156.46	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	128.95 40.97 163.86	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	138.75 43.51 174.04	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	146.20 44.89 179.56	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	151.33 46.28 185.10	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	161.79 49.39 197.56	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	170.70 51.97 207.86	
04 05 19 13-0322		Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0323		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0322)		
04 05 19 13-0324	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	138.68 48.18 192.70	
04 05 19 13-0325	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	144.05 48.52 194.06	
04 05 19 13-0326	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	151.12 49.70 198.78	
04 05 19 13-0327	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	161.30 51.26 205.04	
04 05 19 13-0328	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	169.24 53.12 212.46	
04 05 19 13-0329	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	177.51 55.37 221.48	
04 05 19 13-0330		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0322)		
04 05 19 13-0331	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	162.23 59.95 239.80	
04 05 19 13-0332	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	167.93 60.46 241.82	
04 05 19 13-0333	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	175.00 61.64 246.54	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	185.12	
		For Hot-Dipped Galvanized, Add	63.17	
		For Stainless Steel, Add	252.68	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	192.75	
		For Hot-Dipped Galvanized, Add	64.87	
		For Stainless Steel, Add	259.48	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	199.95	
		For Hot-Dipped Galvanized, Add	66.59	
		For Stainless Steel, Add	266.36	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0322)		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	175.14	
		For Hot-Dipped Galvanized, Add	66.41	
		For Stainless Steel, Add	265.62	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	180.84	
		For Hot-Dipped Galvanized, Add	66.91	
		For Stainless Steel, Add	267.64	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	189.25	
		For Hot-Dipped Galvanized, Add	68.76	
		For Stainless Steel, Add	275.04	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	201.16	
		For Hot-Dipped Galvanized, Add	71.19	
		For Stainless Steel, Add	284.76	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	211.52	
		For Hot-Dipped Galvanized, Add	74.26	
		For Stainless Steel, Add	297.02	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	222.08	
		For Hot-Dipped Galvanized, Add	77.66	
		For Stainless Steel, Add	310.62	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	147.86	
		For Hot-Dipped Galvanized, Add	50.42	
		For Stainless Steel, Add	201.68	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	153.27	
		For Hot-Dipped Galvanized, Add	50.77	
		For Stainless Steel, Add	203.08	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	162.61	
		For Hot-Dipped Galvanized, Add	51.92	
		For Stainless Steel, Add	207.66	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	169.94	
		For Hot-Dipped Galvanized, Add	53.47	
		For Stainless Steel, Add	213.86	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	177.48	
		For Hot-Dipped Galvanized, Add	55.36	
		For Stainless Steel, Add	221.42	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	183.94	
		For Hot-Dipped Galvanized, Add	57.28	
		For Stainless Steel, Add	229.10	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	171.34	
		For Hot-Dipped Galvanized, Add	62.16	
		For Stainless Steel, Add	248.64	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	177.06	
		For Hot-Dipped Galvanized, Add	62.67	
		For Stainless Steel, Add	250.66	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0355	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	186.47	
		For Hot-Dipped Galvanized, Add	63.85	
		For Stainless Steel, Add	255.38	
04 05 19 13-0356	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	193.80	
		For Hot-Dipped Galvanized, Add	65.40	
		For Stainless Steel, Add	261.58	
04 05 19 13-0357	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	200.96	
		For Hot-Dipped Galvanized, Add	67.10	
		For Stainless Steel, Add	268.38	
04 05 19 13-0358	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	207.62	
		For Hot-Dipped Galvanized, Add	69.12	
		For Stainless Steel, Add	276.46	
04 05 19 13-0359		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)		
04 05 19 13-0360	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	184.27	
		For Hot-Dipped Galvanized, Add	68.63	
		For Stainless Steel, Add	274.50	
04 05 19 13-0361	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	189.96	
		For Hot-Dipped Galvanized, Add	69.12	
		For Stainless Steel, Add	276.46	
04 05 19 13-0362	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	200.78	
		For Hot-Dipped Galvanized, Add	71.00	
		For Stainless Steel, Add	284.00	
04 05 19 13-0363	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	209.83	
		For Hot-Dipped Galvanized, Add	73.41	
		For Stainless Steel, Add	293.64	
04 05 19 13-0364	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	219.69	
		For Hot-Dipped Galvanized, Add	76.46	
		For Stainless Steel, Add	305.84	
04 05 19 13-0365	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	226.96	
		For Hot-Dipped Galvanized, Add	78.79	
		For Stainless Steel, Add	315.14	
04 05 19 13-0366		Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0367		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)		
04 05 19 13-0368	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	138.79	
		For Hot-Dipped Galvanized, Add	45.89	
		For Stainless Steel, Add	183.54	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0369	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	144.14	
		For Hot-Dipped Galvanized, Add	46.21	
		For Stainless Steel, Add	184.82	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0370	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	153.18	
		For Hot-Dipped Galvanized, Add	47.20	
		For Stainless Steel, Add	188.80	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0371	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	160.27	
		For Hot-Dipped Galvanized, Add	48.63	
		For Stainless Steel, Add	194.52	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0372	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	167.00	
		For Hot-Dipped Galvanized, Add	50.12	
		For Stainless Steel, Add	200.46	
		For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0373	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	173.26	
		For Hot-Dipped Galvanized, Add	51.94	
		For Stainless Steel, Add	207.74	
		For Seismic Hook And Eye, Add	27.50	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 13-0374	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)		
04 05 19 13-0375	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	160.42	
	For Hot-Dipped Galvanized, Add	56.70	
	For Stainless Steel, Add	226.80	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0376	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	166.01	
	For Hot-Dipped Galvanized, Add	57.14	
	For Stainless Steel, Add	228.56	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0377	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	174.88	
	For Hot-Dipped Galvanized, Add	58.05	
	For Stainless Steel, Add	232.20	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0378	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	181.84	
	For Hot-Dipped Galvanized, Add	59.42	
	For Stainless Steel, Add	237.66	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0379	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	188.53	
	For Hot-Dipped Galvanized, Add	60.88	
	For Stainless Steel, Add	243.52	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0380	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	194.38	
	For Hot-Dipped Galvanized, Add	62.50	
	For Stainless Steel, Add	249.98	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0381	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)		
04 05 19 13-0382	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	173.49	
	For Hot-Dipped Galvanized, Add	63.24	
	For Stainless Steel, Add	252.94	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0383	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	179.18	
	For Hot-Dipped Galvanized, Add	63.73	
	For Stainless Steel, Add	254.90	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0384	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	189.77	
	For Hot-Dipped Galvanized, Add	65.50	
	For Stainless Steel, Add	261.98	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0385	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	198.61	
	For Hot-Dipped Galvanized, Add	67.80	
	For Stainless Steel, Add	271.20	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0386	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	208.20	
	For Hot-Dipped Galvanized, Add	70.72	
	For Stainless Steel, Add	282.86	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0387	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	217.29	
	For Hot-Dipped Galvanized, Add	73.95	
	For Stainless Steel, Add	295.80	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0388	Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0389	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall (04 05 19 13-0388)		
04 05 19 13-0390	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	147.81	
	For Hot-Dipped Galvanized, Add	48.04	
	For Stainless Steel, Add	192.16	
	For Seismic Hook And Eye, Add	27.50	
04 05 19 13-0391	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	155.54	
	For Hot-Dipped Galvanized, Add	48.38	
	For Stainless Steel, Add	193.52	
	For Seismic Hook And Eye, Add	27.50	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0392	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	161.89 49.44 197.76 27.50	
04 05 19 13-0393	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	168.68 50.96 203.82 27.50	
04 05 19 13-0394	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	174.81 52.71 210.84 27.50	
04 05 19 13-0395		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0398)		
04 05 19 13-0396	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	171.13 59.70 238.80 27.50	
04 05 19 13-0397	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	178.92 60.07 240.28 27.50	
04 05 19 13-0398	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	185.20 61.10 244.38 27.50	
04 05 19 13-0399	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	191.73 62.48 249.92 27.50	
04 05 19 13-0400	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	197.18 63.90 255.58 27.50	
04 05 19 13-0401		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0398)		
04 05 19 13-0402	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	182.45 65.36 261.44 27.50	
04 05 19 13-0403	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	190.44 65.83 263.32 27.50	
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	198.24 67.62 270.46 27.50	
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	206.58 69.91 279.62 27.50	
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	215.03 72.82 291.28 27.50	
04 05 19 16		Masonry Anchors (04 05 19)		
04 05 19 16-0001		Rectangular, Wire Masonry Wall Ties (04 05 19 16)		
04 05 19 16-0002		Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)		
04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.99	
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.04	
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.08	
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.13	
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.19	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.08	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.13	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.19	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.24	
04 05 19 16-0012		Mill Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.91	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.93	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.95	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.98	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.01	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.95	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.98	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.01	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.04	
04 05 19 16-0022		Z-Type, Wire Masonry Wall Ties (04 05 19 16)		
04 05 19 16-0023		Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.91	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.94	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.02	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.06	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.06	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.12	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.18	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.21	
04 05 19 16-0032		Mill Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.86	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.86	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.93	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.94	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.95	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.98	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.01	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.05	
04 05 19 16-0041		Wire Beam Ties (04 05 19 16)		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties (04 05 19 16-0041)		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.13	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.15	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.17	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.19	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.22	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties (04 05 19 16-0041)		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.29	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.34	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.38	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.41	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.44	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16)		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.22	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.26	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.28	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.31	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.33	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.08	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.11	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.12	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.14	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	1.15	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors (04 05 19 16)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0068 Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)		
04 05 19 16-0069 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.43	
04 05 19 16-0070 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.47	
04 05 19 16-0071 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.51	
04 05 19 16-0072 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.56	
04 05 19 16-0073 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.60	
04 05 19 16-0074 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.46	
04 05 19 16-0075 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.51	
04 05 19 16-0076 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.56	
04 05 19 16-0077 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.61	
04 05 19 16-0078 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.65	
04 05 19 16-0079 Mill Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)		
04 05 19 16-0080 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.27	
04 05 19 16-0081 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.30	
04 05 19 16-0082 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33	
04 05 19 16-0083 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.37	
04 05 19 16-0084 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.40	
04 05 19 16-0085 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.30	
04 05 19 16-0086 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33	
04 05 19 16-0087 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.37	
04 05 19 16-0088 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.40	
04 05 19 16-0089 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.44	
04 05 19 16-0090 Corrugated Wall Ties (04 05 19 16)		
04 05 19 16-0091 Hot-Dipped Galvanized, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0092 EA 7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.85	
04 05 19 16-0093 EA 7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.89	
04 05 19 16-0094 EA 7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.90	
04 05 19 16-0095 EA 7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.92	
04 05 19 16-0096 EA 7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.04	
04 05 19 16-0097 Mill Galvanized, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0098 EA 7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	0.87	
04 05 19 16-0099 EA 7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	0.88	
04 05 19 16-0100 EA 7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	0.89	
04 05 19 16-0101 EA 7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	0.98	
04 05 19 16-0102 Stainless Steel, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0103 EA 7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.16	
04 05 19 16-0104 EA 7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.21	
04 05 19 16-0105 EA 7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.27	
04 05 19 16-0106 EA 7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.32	
04 05 19 16-0107 EA 7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.58	
04 05 19 16-0108 Wire Mesh Wall Ties (04 05 19 16)		
Note: 1/2" square mesh.		
04 05 19 16-0109 EA 3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.59	
04 05 19 16-0110 EA 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.87	
04 05 19 16-0111 EA 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.18	
04 05 19 16-0112 EA 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.69	
04 05 19 16-0113 EA 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.61	
04 05 19 16-0114 EA 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.07	
04 05 19 16-0115 Triangle Brick Ties (04 05 19 16)		
04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties (04 05 19 16-0115)		
04 05 19 16-0117 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.43	
04 05 19 16-0118 EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.45	
04 05 19 16-0119 EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.47	
04 05 19 16-0120 EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.53	
04 05 19 16-0121 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.54	
04 05 19 16-0122 EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.62	
04 05 19 16-0123 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.66	
04 05 19 16-0124 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.76	
04 05 19 16-0125 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.63	
04 05 19 16-0126 EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.64	
04 05 19 16-0127 EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.66	
04 05 19 16-0128 EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.71	
04 05 19 16-0129 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.73	
04 05 19 16-0130 EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.80	
04 05 19 16-0131 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.83	
04 05 19 16-0132 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.93	

04 Masonry
04 05 Common Work Results for Masonry
04 05 19 Masonry Anchorage and Reinforcing



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 16-0133		Mill Galvanized, Triangle Brick Ties (04 05 19 16-0115)	
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.33
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.34
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.35
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.39
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.40
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.45
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.47
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.50
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.45
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.46
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.47
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.52
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.53
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.59
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.62
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.67
04 05 19 16-0150		Seismic Veneer Anchors (04 05 19 16)	
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor	5.01
		Note: For horizontal wire attachment. Excludes wire.	
04 05 19 16-0152		Slip-Set, Joint Stabilization Anchors (04 05 19 16)	
		Note: For restraining lateral movement at control joints. Field bendable.	
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	3.68
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	3.97
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	5.01
04 05 19 16-0156		Strap Partition Top Anchors (04 05 19 16)	
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.24
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.28
04 05 19 16-0159		Rigid Partition Anchors (04 05 19 16)	
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors (04 05 19 16-0159)	
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.90
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.02
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.18
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.32
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.45
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.59
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.46
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.89
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.34
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.78
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.22
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.66
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors (04 05 19 16-0159)	
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.78
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.89
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.99
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.10
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.21
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.32
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates (04 05 19 16)	
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.22
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.27
04 05 19 16-0183		Wire Column Ties (04 05 19 16)	
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties (04 05 19 16-0183)	
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.42
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.49
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.55
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.62
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.48
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.55
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.59
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.64



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0193 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.80	
04 05 19 16-0194 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.93	
04 05 19 16-0195 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.01	
04 05 19 16-0196 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.13	
04 05 19 16-0197 EA 10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.93	
04 05 19 16-0198 EA 12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.01	
04 05 19 16-0199 EA 14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.09	
04 05 19 16-0200 EA 16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.17	
04 05 19 16-0201 Mill Galvanized, Wire Column Ties (04 05 19 16-0183)		
04 05 19 16-0202 EA 3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.29	
04 05 19 16-0203 EA 5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.33	
04 05 19 16-0204 EA 7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.36	
04 05 19 16-0205 EA 9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.41	
04 05 19 16-0206 EA 10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.31	
04 05 19 16-0207 EA 12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.35	
04 05 19 16-0208 EA 14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.38	
04 05 19 16-0209 EA 16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.42	
04 05 19 16-0210 EA 3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.57	
04 05 19 16-0211 EA 5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.66	
04 05 19 16-0212 EA 7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.69	
04 05 19 16-0213 EA 9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.78	
04 05 19 16-0214 EA 10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.54	
04 05 19 16-0215 EA 12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.67	
04 05 19 16-0216 EA 14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.73	
04 05 19 16-0217 EA 16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.78	
04 05 19 16-0218 Dovetail Anchors, Slots And Ties (04 05 19 16)		
04 05 19 16-0219 Dovetail Anchor Slots (04 05 19 16-0218)		
04 05 19 16-0220 Hot-Dipped Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0221 LF 24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.04	
04 05 19 16-0222 LF 22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.26	
04 05 19 16-0223 LF 20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.39	
04 05 19 16-0224 LF 18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.45	
04 05 19 16-0225 LF 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.59	
04 05 19 16-0226 Mill Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0227 LF 24 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.61	
04 05 19 16-0228 LF 22 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.88	
04 05 19 16-0229 LF 20 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.95	
04 05 19 16-0230 LF 18 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	3.04	
04 05 19 16-0231 LF 16 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	3.10	
04 05 19 16-0232 304 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0233 LF 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.35	
04 05 19 16-0234 LF 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.70	
04 05 19 16-0235 LF 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.83	
04 05 19 16-0236 LF 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.23	
04 05 19 16-0237 LF 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.62	
04 05 19 16-0238 316 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0239 LF 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.63	
04 05 19 16-0240 LF 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.90	
04 05 19 16-0241 LF 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.17	
04 05 19 16-0242 LF 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.52	
04 05 19 16-0243 LF 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.72	
04 05 19 16-0244 Dovetail Corrugated Brick Ties (04 05 19 16-0218)		
04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)		
04 05 19 16-0246 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.08	
04 05 19 16-0247 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.15	
04 05 19 16-0248 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.22	
04 05 19 16-0249 EA 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.09	
04 05 19 16-0250 EA 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.22	
04 05 19 16-0251 EA 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.32	
04 05 19 16-0252 EA 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.13	
04 05 19 16-0253 EA 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.22	
04 05 19 16-0254 EA 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.31	
04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)		
04 05 19 16-0256 EA 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.01	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0257 EA 5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.06	
04 05 19 16-0258 EA 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.10	
04 05 19 16-0259 EA 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.05	
04 05 19 16-0260 EA 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.14	
04 05 19 16-0261 EA 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.21	
04 05 19 16-0262 EA 3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.06	
04 05 19 16-0263 EA 5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.17	
04 05 19 16-0264 EA 7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.24	
 04 05 19 16-0265 Dovetail Stone Anchors (04 05 19 16-0218)		
04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors (04 05 19 16-0265)		
04 05 19 16-0267 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.22	
04 05 19 16-0268 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.30	
04 05 19 16-0269 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.37	
 04 05 19 16-0270 Dovetail Partition Top Anchors (04 05 19 16-0218)		
04 05 19 16-0271 EA 3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	2.38	
04 05 19 16-0272 EA 3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	5.68	
 04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties (04 05 19 16-0218)		
04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)		
04 05 19 16-0275 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.76	
04 05 19 16-0276 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.85	
04 05 19 16-0277 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.91	
04 05 19 16-0278 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.98	
 04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)		
04 05 19 16-0280 EA 3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.63	
04 05 19 16-0281 EA 5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.64	
04 05 19 16-0282 EA 7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.68	
04 05 19 16-0283 EA 9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.78	
 04 05 19 26 Masonry Reinforcing Bars (04 05 19)		
Note: Includes cutting and bending.		
04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar (04 05 19 26)		
04 05 19 26-0002 LF #3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	0.81	
04 05 19 26-0003 LF #4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.32	
04 05 19 26-0004 LF #5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.84	
04 05 19 26-0005 LF #6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.37	
04 05 19 26-0006 LF #3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	0.82	
04 05 19 26-0007 LF #4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.34	
04 05 19 26-0008 LF #5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.87	
04 05 19 26-0009 LF #6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.41	
04 05 19 26-0010 LF #3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	0.84	
04 05 19 26-0011 LF #4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.36	
04 05 19 26-0012 LF #5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.91	
04 05 19 26-0013 LF #6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.47	
04 05 19 26-0014 LF #3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	0.96	
04 05 19 26-0015 LF #4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.55	
04 05 19 26-0016 LF #5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.17	
04 05 19 26-0017 LF #6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.77	
04 05 19 26-0018 LF #3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	0.97	
04 05 19 26-0019 LF #4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.57	
04 05 19 26-0020 LF #5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.20	
04 05 19 26-0021 LF #6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.81	
04 05 19 26-0022 LF #3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	0.99	
04 05 19 26-0023 LF #4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.59	
04 05 19 26-0024 LF #5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.24	
04 05 19 26-0025 LF #6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.87	
 04 05 19 26-0026 Galvanized Steel Masonry Reinforcement Bar (04 05 19 26)		
04 05 19 26-0027 LF #3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.91	
04 05 19 26-0028 LF #4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.49	
04 05 19 26-0029 LF #5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.11	
04 05 19 26-0030 LF #6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.77	
04 05 19 26-0031 LF #3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.92	
04 05 19 26-0032 LF #4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.51	
04 05 19 26-0033 LF #5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.14	
04 05 19 26-0034 LF #6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.80	
04 05 19 26-0035 LF #3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.93	
04 05 19 26-0036 LF #4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.54	
04 05 19 26-0037 LF #5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0038 LF #6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.86	
04 05 19 26-0039 LF #3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.06	
04 05 19 26-0040 LF #4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.72	
04 05 19 26-0041 LF #5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.44	
04 05 19 26-0042 LF #6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.17	
04 05 19 26-0043 LF #3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.07	
04 05 19 26-0044 LF #4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.74	
04 05 19 26-0045 LF #5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.47	
04 05 19 26-0046 LF #6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.20	
04 05 19 26-0047 LF #3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.08	
04 05 19 26-0048 LF #4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.77	
04 05 19 26-0049 LF #5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.51	
04 05 19 26-0050 LF #6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.26	
04 05 19 26-0051 Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)		
04 05 19 26-0052 LF #3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.90	
04 05 19 26-0053 LF #4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.48	
04 05 19 26-0054 LF #5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.08	
04 05 19 26-0055 LF #6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.72	
04 05 19 26-0056 LF #3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.91	
04 05 19 26-0057 LF #4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.49	
04 05 19 26-0058 LF #5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.11	
04 05 19 26-0059 LF #6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.76	
04 05 19 26-0060 LF #3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.92	
04 05 19 26-0061 LF #4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.52	
04 05 19 26-0062 LF #5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.15	
04 05 19 26-0063 LF #6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.82	
04 05 19 26-0064 LF #3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.05	
04 05 19 26-0065 LF #4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.71	
04 05 19 26-0066 LF #5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.41	
04 05 19 26-0067 LF #6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.12	
04 05 19 26-0068 LF #3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.06	
04 05 19 26-0069 LF #4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.72	
04 05 19 26-0070 LF #5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.44	
04 05 19 26-0071 LF #6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.16	
04 05 19 26-0072 LF #3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.07	
04 05 19 26-0073 LF #4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.75	
04 05 19 26-0074 LF #5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.48	
04 05 19 26-0075 LF #6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.22	
04 05 23 Masonry Accessories (04 05)		
04 05 23 13 Masonry Control and Expansion Joints (04 05 23)		
04 05 23 13-0001 Masonry Control Joints (04 05 23 13)		
04 05 23 13-0002 Rubber, Masonry Control Joints (04 05 23 13-0001)		
04 05 23 13-0003 LF 1-5/8" Width, T-Style, Rubber, Masonry Control Joint.....	4.02	0.83
04 05 23 13-0004 LF 2-5/8" Width, Rubber, Masonry Control Joint.....	3.93	0.83
04 05 23 13-0005 LF 6-7/8" Width, Rubber, Masonry Control Joint.....	7.77	0.83
04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints (04 05 23 13-0001)		
04 05 23 13-0007 LF 1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.77	0.83
04 05 23 13-0008 LF 2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.84	0.83
04 05 23 13-0009 LF 4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.58	0.83
04 05 23 13-0010 LF 6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	4.00	0.83
04 05 23 13-0011 LF 11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.84	0.83
04 05 23 16 Masonry Embedded Flashing (04 05 23)		
04 05 23 16-0001 Lead Coated Copper Through Wall Flashing (04 05 23 16)		
04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)		
04 05 23 16-0003 SF 2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	6.67	1.46
04 05 23 16-0004 SF 3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.34	1.46
04 05 23 16-0005 SF 5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	9.18	1.46
04 05 23 16-0006 SF 7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	10.80	1.46
04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)		
04 05 23 16-0008 SF 2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.32	1.46
04 05 23 16-0009 SF 3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.92	1.46
04 05 23 16-0010 SF 5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	10.04	1.46
04 05 23 16-0011 SF 7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	12.00	1.46

04 Masonry**04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 23 16-0012	Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)			
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.82	1.46
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.65	1.46
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.85	1.46
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.33	1.46
04 05 23 16-0017	Stainless Steel Through Wall Flashing (04 05 23 16)			
04 05 23 16-0018	Paper Backed 2 Sides, Stainless Steel Through Wall Flashing (04 05 23 16-0017)			
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	5.79	1.37
04 05 23 16-0020	Polyvinyl Chloride (PVC) Through Wall Flashing (04 05 23 16)			
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.73	1.60
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.89	1.60
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.07	1.60
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.67	1.60
04 05 23 16-0025	Copper Through Wall Flashing (04 05 23 16)			
04 05 23 16-0026	2 Sides Coated With Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.68	1.37
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.16	1.37
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.52	1.37
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.71	1.37
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	9.21	1.37
04 05 23 16-0032	2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.16	1.37
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.59	1.37
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.15	1.37
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.57	1.37
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.42	1.37
04 05 23 16-0038	1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.73	1.37
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.23	1.37
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.57	1.37
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.75	1.37
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.26	1.37
04 05 23 16-0044	2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.79	1.37
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.39	1.37
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.27	1.37
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.09	1.37
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.78	1.37
04 05 23 16-0050	2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.79	1.37
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.59	1.37
04 05 23 16-0053	2 Sides Glass Fabric, Thru-Wall Copper Flashing (04 05 23 16-0025)			
	Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.			
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	6.75	1.37
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	8.36	1.37
04 05 23 19	Masonry Cavity Drainage, Weepholes, and Vents (04 05 23)			
04 05 23 19-0001	Brick Vents, 4" Deep, With Insect Screen (04 05 23 19)			
	Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.			
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	55.96	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	69.35	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	87.38	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	68.26	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	84.24	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	106.45	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	80.54	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	108.91	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	132.85	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	108.97
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	141.82
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	174.16

04 20 Unit Masonry⁽⁰⁴⁾

Note: Includes pointing and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry^(04 20)

04 21 13 Brick Masonry^(04 21)

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry^(04 21 13)

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond	21.64
Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)			
For Buff Or Gray, Add			0.84
For Common Or American Bond, Add			0.66
For English Bond, Add			1.33
For Flemish Bond, Add			2.74
For Stacked Bond, Add			1.91
For <10, Small Area Replacements (Individual Areas), Add			25.15
For Curved Wall, Add			3.32
For Corbels, Add			12.45
For Severe Weather (SW) Brick, Add			0.76
For Glazed Brick, Add			17.64
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond	22.47
Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)			
For Buff Or Gray, Add			1.04
For Common Or American Bond, Add			0.65
For English Bond, Add			1.30
For Flemish Bond, Add			2.75
For Stacked Bond, Add			1.93
For <10, Small Area Replacements (Individual Areas), Add			24.64
For Curved Wall, Add			3.24
For Corbels, Add			12.17
For Severe Weather (SW) Brick, Add			0.94
For Glazed Brick, Add			21.88
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond	21.64
Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)			
For Buff Or Gray, Add			0.84
For Common Or American Bond, Add			0.66
For English Bond, Add			1.33
For Flemish Bond, Add			2.74
For Stacked Bond, Add			1.91
For <10, Small Area Replacements (Individual Areas), Add			25.15
For Curved Wall, Add			3.32
For Corbels, Add			12.45
For Severe Weather (SW) Brick, Add			0.76
For Glazed Brick, Add			17.64
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond	22.47
Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)			
For Buff Or Gray, Add			1.04
For Common Or American Bond, Add			0.65
For English Bond, Add			1.30
For Flemish Bond, Add			2.75
For Stacked Bond, Add			1.93
For <10, Small Area Replacements (Individual Areas), Add			24.64
For Curved Wall, Add			3.24
For Corbels, Add			12.17
For Severe Weather (SW) Brick, Add			0.94
For Glazed Brick, Add			21.88
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond	22.30
Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)			
For Buff Or Gray, Add			1.01
For Common Or American Bond, Add			0.65
For English Bond, Add			1.30
For Flemish Bond, Add			2.74
For Stacked Bond, Add			1.93
For <10, Small Area Replacements (Individual Areas), Add			24.63
For Curved Wall, Add			3.24
For Corbels, Add			12.17
For Severe Weather (SW) Brick, Add			0.91
For Glazed Brick, Add			21.28
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond	16.54
Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)			
For Buff Or Gray, Add			0.87
For Common Or American Bond, Add			0.45
For English Bond, Add			0.91
For Flemish Bond, Add			1.96
For Stacked Bond, Add			1.39
For <10, Small Area Replacements (Individual Areas), Add			17.26
For Curved Wall, Add			2.27
For Corbels, Add			8.50
For Severe Weather (SW) Brick, Add			0.78
For Glazed Brick, Add			18.24

04 Masonry
04 20 Unit Masonry
04 21 Clay Unit Masonry



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)	14.98	
		For Buff Or Gray, Add	0.61	
		For Common Or American Bond, Add	0.45	
		For English Bond, Add	0.91	
		For Flemish Bond, Add	1.88	
		For Stacked Bond, Add	1.32	
		For <10, Small Area Replacements (Individual Areas), Add	17.18	
		For Curved Wall, Add	2.27	
		For Corbels, Add	8.50	
		For Severe Weather (SW) Brick, Add	0.55	
		For Glazed Brick, Add	12.78	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	22.78	
		For Buff Or Gray, Add	1.09	
		For Common Or American Bond, Add	0.65	
		For English Bond, Add	1.30	
		For Flemish Bond, Add	2.76	
		For Stacked Bond, Add	1.95	
		For <10, Small Area Replacements (Individual Areas), Add	24.66	
		For Curved Wall, Add	3.24	
		For Corbels, Add	12.17	
		For Severe Weather (SW) Brick, Add	0.98	
		For Glazed Brick, Add	22.96	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	24.16	
		For Buff Or Gray, Add	1.32	
		For Common Or American Bond, Add	0.65	
		For English Bond, Add	1.30	
		For Flemish Bond, Add	2.83	
		For Stacked Bond, Add	2.02	
		For <10, Small Area Replacements (Individual Areas), Add	24.73	
		For Curved Wall, Add	3.24	
		For Corbels, Add	12.17	
		For Severe Weather (SW) Brick, Add	1.19	
		For Glazed Brick, Add	27.79	
04 21 13 00-0011		Fire Brick (04 21 13)		
04 21 13 00-0012	SF	Running Bond, Red Fire Brick Note: Running bond, red fire brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)	25.54	
		For Buff Or Gray, Add	1.55	
		For Common Or American Bond, Add	0.65	
		For English Bond, Add	1.30	
		For Flemish Bond, Add	2.90	
		For Stacked Bond, Add	2.09	
		For <10, Small Area Replacements (Individual Areas), Add	24.80	
04 21 13 00-0013		Window Sill (04 21 13)		
04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	18.93	
		For Buff Or Gray, Add	0.18	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	19.06	
		For Buff Or Gray, Add	0.20	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	18.93	
		For Buff Or Gray, Add	0.18	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	19.15	
		For Buff Or Gray, Add	0.21	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	19.70	
		For Buff Or Gray, Add	0.31	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	19.81	
		For Buff Or Gray, Add	0.32	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	19.81	
		For Buff Or Gray, Add	0.32	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	19.22	
		For Buff Or Gray, Add	0.23	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	19.27	
		For Buff Or Gray, Add	0.23	
04 21 26		Glazed Structural Clay Tile Masonry (04 21)		
		Note: Includes tile and mortar in all colors.		
04 21 26 00-0001		6T Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0002		Glazed On One Side 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" For Stacked Bond, Add	27.64 1.77	



		Masonry	04
		Unit Masonry	04 20
		Clay Unit Masonry	04 21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0004 SF 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" For Stacked Bond, Add	31.09 1.77	
04 21 26 00-0005 SF 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" For Stacked Bond, Add	38.13 1.85	
04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0007 LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile For Stacked Bond, Add	28.80 2.10	
04 21 26 00-0008 LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile For Stacked Bond, Add	34.54 2.10	
04 21 26 00-0009 8W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0011 SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" For Stacked Bond, Add	21.84 1.13	
04 21 26 00-0012 SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" For Stacked Bond, Add	27.28 1.21	
04 21 26 00-0013 SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" For Stacked Bond, Add	37.88 1.29	
04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0015 LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile For Stacked Bond, Add	29.91 1.45	
04 21 26 00-0016 LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile For Stacked Bond, Add	29.87 1.45	
04 21 26 00-0017 4W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0019 SF 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" For Stacked Bond, Add	28.93 1.77	
04 21 26 00-0020 SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" For Stacked Bond, Add	30.65 1.77	
04 21 26 00-0021 SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" For Stacked Bond, Add	38.35 1.85	
04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0023 LF Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile For Stacked Bond, Add	29.85 2.10	
04 21 26 00-0024 LF 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile For Stacked Bond, Add	34.45 2.10	
04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0026 SF 4" Thick, 6T Sound Absorbing Structural Glazed Tile 04 21 26 00-0027 SF 6" Thick, 6T Sound Absorbing Structural Glazed Tile 04 21 26 00-0028 SF 8" Thick, 6T Sound Absorbing Structural Glazed Tile	29.91 32.33 37.72	
04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0030 SF 4" Thick, 8T Sound Absorbing Structural Glazed Tile 04 21 26 00-0031 SF 6" Thick, 8T Sound Absorbing Structural Glazed Tile 04 21 26 00-0032 SF 8" Thick, 8T Acoustical Glazed Tile	33.62 38.01 45.07	
04 22 Concrete Unit Masonry (04 20)		
Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.		
04 22 23 Architectural Concrete Unit Masonry (04 22)		
04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)		
04 22 23 13-0001 Concrete Blocks (04 22 23 13)		
04 22 23 13-0002 Lightweight Concrete Blocks (04 22 23 13-0001)		
04 22 23 13-0003 Cored, Lightweight, Concrete Blocks (04 22 23 13-0002)		
04 22 23 13-0004 SF 4" x 8" x 16", Cored, Lightweight, Concrete Block For Stacked Bond, Add For Scored Block, Add For Curved Wall Application, Add For <10, Small Area Replacements (Individual Areas), Add	9.70 2.23 0.23 1.71 12.94	
04 22 23 13-0005 SF 6" x 8" x 16", Cored, Lightweight, Concrete Block For Stacked Bond, Add For Scored Block, Add For Curved Wall Application, Add For <10, Small Area Replacements (Individual Areas), Add	10.70 2.41 0.29 1.85 14.01	

04 Masonry**04 20 Unit Masonry****04 22 Concrete Unit Masonry**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block.....	11.57	
		For Stacked Bond, Add	2.59	
		For Scored Block, Add	0.32	
		For Curved Wall Application, Add	1.99	
		For <10, Small Area Replacements (Individual Areas), Add	15.06	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block.....	12.57	
		For Stacked Bond, Add	2.71	
		For Scored Block, Add	0.43	
		For Curved Wall Application, Add	2.08	
		For <10, Small Area Replacements (Individual Areas), Add	15.79	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block.....	15.14	
		For Stacked Bond, Add	3.34	
		For Scored Block, Add	0.46	
		For Curved Wall Application, Add	2.57	
		For <10, Small Area Replacements (Individual Areas), Add	19.42	
04 22 23 13-0009		Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)		
04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	10.30	
		For Stacked Bond, Add	2.29	
		For Scored Block, Add	0.30	
		For Curved Wall Application, Add	1.76	
		For <10, Small Area Replacements (Individual Areas), Add	13.30	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	11.30	
		For Stacked Bond, Add	2.51	
		For Scored Block, Add	0.33	
		For Curved Wall Application, Add	1.93	
		For <10, Small Area Replacements (Individual Areas), Add	14.63	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	11.95	
		For Stacked Bond, Add	2.67	
		For Scored Block, Add	0.34	
		For Curved Wall Application, Add	2.05	
		For <10, Small Area Replacements (Individual Areas), Add	15.52	
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	13.07	
		For Stacked Bond, Add	2.79	
		For Scored Block, Add	0.47	
		For Curved Wall Application, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	16.28	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	15.75	
		For Stacked Bond, Add	3.45	
		For Scored Block, Add	0.50	
		For Curved Wall Application, Add	2.65	
		For <10, Small Area Replacements (Individual Areas), Add	20.08	
04 22 23 13-0015		Normal Weight Concrete Blocks (04 22 23 13-0001)		
04 22 23 13-0016		Cored, Normal Weight, Concrete Blocks (04 22 23 13-0015)		
04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	9.92	
		For Stacked Bond, Add	2.29	
		For Scored Block, Add	0.23	
		For Curved Wall Application, Add	1.76	
		For <10, Small Area Replacements (Individual Areas), Add	13.27	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	10.96	
		For Stacked Bond, Add	2.51	
		For Scored Block, Add	0.26	
		For Curved Wall Application, Add	1.93	
		For <10, Small Area Replacements (Individual Areas), Add	14.60	
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	11.75	
		For Stacked Bond, Add	2.67	
		For Scored Block, Add	0.30	
		For Curved Wall Application, Add	2.05	
		For <10, Small Area Replacements (Individual Areas), Add	15.50	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	13.61	
		For Stacked Bond, Add	2.79	
		For Scored Block, Add	0.57	
		For Curved Wall Application, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	16.33	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	16.22	
		For Stacked Bond, Add	3.45	
		For Scored Block, Add	0.59	
		For Curved Wall Application, Add	2.65	
		For <10, Small Area Replacements (Individual Areas), Add	20.11	
04 22 23 13-0022		Solid, Normal Weight, Concrete Blocks (04 22 23 13-0015)		
04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	10.45	
		For Stacked Bond, Add	2.35	
		For Scored Block, Add	0.29	
		For Curved Wall Application, Add	1.80	
		For <10, Small Area Replacements (Individual Areas), Add	13.64	



Masonry			04	40
Unit Masonry			04 20	
Concrete Unit Masonry			04 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0024 SF 6" x 8" x 16", Solid, Normal Weight, Concrete Block.....	11.29	
For Stacked Bond, Add	2.59	
For Scored Block, Add	0.27	
For Curved Wall Application, Add	1.99	
For <10, Small Area Replacements (Individual Areas), Add	15.04	
04 22 23 13-0025 SF 8" x 8" x 16", Solid, Normal Weight, Concrete Block.....	12.12	
For Stacked Bond, Add	2.75	
For Scored Block, Add	0.31	
For Curved Wall Application, Add	2.12	
For <10, Small Area Replacements (Individual Areas), Add	15.99	
04 22 23 13-0026 SF 10" x 8" x 16", Solid, Normal Weight, Concrete Block.....	13.15	
For Stacked Bond, Add	2.88	
For Scored Block, Add	0.41	
For Curved Wall Application, Add	2.22	
For <10, Small Area Replacements (Individual Areas), Add	16.79	
04 22 23 13-0027 SF 12" x 8" x 16", Solid, Normal Weight, Concrete Block.....	15.87	
For Stacked Bond, Add	3.57	
For Scored Block, Add	0.43	
For Curved Wall Application, Add	2.74	
For <10, Small Area Replacements (Individual Areas), Add	20.74	
04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks (04 22 23 13)		
04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)		
Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0030 LF 6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	11.04	
For Stacked Bond, Add	2.41	
For Grout And Fill With 2 #5 Rebar, Add	6.41	
For Scored Block, Add	0.35	
For Curved Wall Application, Add	1.85	
04 22 23 13-0031 LF 8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	12.10	
For Stacked Bond, Add	2.59	
For Grout And Fill With 2 #5 Rebar, Add	7.12	
For Scored Block, Add	0.43	
For Curved Wall Application, Add	1.99	
04 22 23 13-0032 LF 12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	15.10	
For Stacked Bond, Add	3.34	
For Grout And Fill With 2 #5 Rebar, Add	8.69	
For Scored Block, Add	0.45	
For Curved Wall Application, Add	2.57	
04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)		
Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0034 LF 6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	11.19	
For Stacked Bond, Add	2.51	
For Grout And Fill With 2 #5 Rebar, Add	6.36	
For Scored Block, Add	0.30	
For Curved Wall Application, Add	1.93	
04 22 23 13-0035 LF 8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	12.14	
For Stacked Bond, Add	2.67	
For Grout And Fill With 2 #5 Rebar, Add	7.01	
For Scored Block, Add	0.38	
For Curved Wall Application, Add	2.05	
04 22 23 13-0036 LF 12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	15.28	
For Stacked Bond, Add	3.45	
For Grout And Fill With 2 #5 Rebar, Add	8.65	
For Scored Block, Add	0.40	
For Curved Wall Application, Add	2.65	
04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)		
04 22 23 23-0001 Ground Face Concrete Blocks (04 22 23 23)		
04 22 23 23-0002 SF 4" x 8" x 16", Ground Face, Concrete Block.....	12.55	
For Stacked Bond, Add	2.79	
For Scored Block, Add	0.36	
For Curved Wall Application, Add	2.15	
For <10, Small Area Replacements (Individual Areas), Add	16.25	
04 22 23 23-0003 SF 6" x 8" x 16", Ground Face, Concrete Block.....	14.15	
For Stacked Bond, Add	3.14	
For Scored Block, Add	0.41	
For Curved Wall Application, Add	2.42	
For <10, Small Area Replacements (Individual Areas), Add	18.29	
04 22 23 23-0004 SF 8" x 8" x 16", Ground Face, Concrete Block.....	15.21	
For Stacked Bond, Add	3.32	
For Scored Block, Add	0.49	
For Curved Wall Application, Add	2.55	
For <10, Small Area Replacements (Individual Areas), Add	19.34	
04 22 23 23-0005 SF 10" x 8" x 16", Ground Face, Concrete Block.....	16.23	
For Stacked Bond, Add	3.52	
For Scored Block, Add	0.54	
For Curved Wall Application, Add	2.71	
For <10, Small Area Replacements (Individual Areas), Add	20.51	

04	Masonry
04 20	Unit Masonry
04 22	Concrete Unit Masonry



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block.....	19.51	
		For Stacked Bond, Add	4.31	
		For Scored Block, Add	0.59	
		For Curved Wall Application, Add	3.31	
		For <10, Small Area Replacements (Individual Areas), Add	25.08	
04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)				
04 22 23 26-0001		Slotted, Acoustical Concrete Block (04 22 23 26)		
04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	15.74	
		For Stacked Bond, Add	2.79	
		For Curved Wall Application, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	16.49	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	17.54	
		For Stacked Bond, Add	3.04	
		For Curved Wall Application, Add	2.34	
		For <10, Small Area Replacements (Individual Areas), Add	17.96	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	20.00	
		For Stacked Bond, Add	3.32	
		For Curved Wall Application, Add	2.55	
		For <10, Small Area Replacements (Individual Areas), Add	19.70	
04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)				
04 22 23 29-0001		Split Face, Concrete Blocks (04 22 23 29)		
04 22 23 29-0002		Plain Or Scored, Split Face, Concrete Blocks (04 22 23 29-0001)		
04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	12.77	
		For Stacked Bond, Add	2.79	
		For Curved Wall Application, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	16.26	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	14.40	
		For Stacked Bond, Add	3.14	
		For Curved Wall Application, Add	2.42	
		For <10, Small Area Replacements (Individual Areas), Add	18.31	
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	15.50	
		For Stacked Bond, Add	3.32	
		For Curved Wall Application, Add	2.55	
		For <10, Small Area Replacements (Individual Areas), Add	19.36	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.57	
		For Stacked Bond, Add	3.52	
		For Curved Wall Application, Add	2.71	
		For <10, Small Area Replacements (Individual Areas), Add	20.54	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	19.49	
		For Stacked Bond, Add	4.31	
		For Curved Wall Application, Add	3.31	
		For <10, Small Area Replacements (Individual Areas), Add	25.07	
04 22 23 29-0008		Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks (04 22 23 29-0001)		
04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	13.27	
		For Stacked Bond, Add	2.79	
		For Grout And Fill With 2 #5 Rebar, Add	7.90	
		For Curved Wall Application, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	16.30	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	14.98	
		For Stacked Bond, Add	3.14	
		For Grout And Fill With 2 #5 Rebar, Add	8.94	
		For Curved Wall Application, Add	2.42	
		For <10, Small Area Replacements (Individual Areas), Add	18.35	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	16.18	
		For Stacked Bond, Add	3.32	
		For Grout And Fill With 2 #5 Rebar, Add	9.80	
		For Curved Wall Application, Add	2.55	
		For <10, Small Area Replacements (Individual Areas), Add	19.41	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.33	
		For Stacked Bond, Add	3.52	
		For Grout And Fill With 2 #5 Rebar, Add	10.56	
		For Curved Wall Application, Add	2.71	
		For <10, Small Area Replacements (Individual Areas), Add	20.59	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	20.22	
		For Stacked Bond, Add	4.31	
		For Grout And Fill With 2 #5 Rebar, Add	11.94	
		For Curved Wall Application, Add	3.31	
		For <10, Small Area Replacements (Individual Areas), Add	25.13	
04 22 23 29-0014		Split Rib, Concrete Block (04 22 23 29)		
04 22 23 29-0015		Split Rib, Concrete Block (04 22 23 29-0014)		



Masonry			04	40
Unit Masonry			04 20	
Concrete Unit Masonry			04 22	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	12.61	
		For Stacked Bond, Add	2.79	
		For Curved Wall Application, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	16.25	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	14.78	
		For Stacked Bond, Add	3.14	
		For Curved Wall Application, Add	2.42	
		For <10, Small Area Replacements (Individual Areas), Add	18.34	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	15.69	
		For Stacked Bond, Add	3.32	
		For Curved Wall Application, Add	2.55	
		For <10, Small Area Replacements (Individual Areas), Add	19.37	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	16.73	
		For Stacked Bond, Add	3.52	
		For Curved Wall Application, Add	2.71	
		For <10, Small Area Replacements (Individual Areas), Add	20.55	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	20.07	
		For Stacked Bond, Add	4.31	
		For Curved Wall Application, Add	3.31	
		For <10, Small Area Replacements (Individual Areas), Add	25.12	
04 22 23 31 Glazed Concrete Masonry Unit (04 22 23)				
04 22 23 31-0001 One Glazed Face, Concrete Blocks (04 22 23 31)				
04 22 23 31-0002 One Glazed Face, Concrete Blocks (04 22 23 31-0001)				
04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	19.38	
		For Stacked Bond, Add	2.71	
		For Curved Wall Application, Add	2.08	
		For <10, Small Area Replacements (Individual Areas), Add	16.30	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	20.86	
		For Stacked Bond, Add	2.98	
		For Curved Wall Application, Add	2.29	
		For <10, Small Area Replacements (Individual Areas), Add	17.91	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	22.07	
		For Stacked Bond, Add	3.14	
		For Curved Wall Application, Add	2.42	
		For <10, Small Area Replacements (Individual Areas), Add	18.88	
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	23.36	
		For Stacked Bond, Add	3.32	
		For Curved Wall Application, Add	2.55	
		For <10, Small Area Replacements (Individual Areas), Add	19.95	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	26.71	
		For Stacked Bond, Add	4.06	
		For Curved Wall Application, Add	3.12	
		For <10, Small Area Replacements (Individual Areas), Add	24.23	
04 22 23 31-0008 Two Glazed Faces, Concrete Blocks (04 22 23 31)				
04 22 23 31-0009 Two Glazed Faces, Concrete Blocks (04 22 23 31-0008)				
04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	25.19	
		For Stacked Bond, Add	3.09	
		For Curved Wall Application, Add	2.38	
		For <10, Small Area Replacements (Individual Areas), Add	18.82	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	26.52	
		For Stacked Bond, Add	3.32	
		For Curved Wall Application, Add	2.55	
		For <10, Small Area Replacements (Individual Areas), Add	20.19	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	28.45	
		For Stacked Bond, Add	3.67	
		For Curved Wall Application, Add	2.82	
		For <10, Small Area Replacements (Individual Areas), Add	22.23	
04 23 Glass Unit Masonry (04 20)				
04 23 13 Vertical Glass Unit Masonry (04 23)				
Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.				
04 23 13 00-0001 Glass Block Unit Masonry (04 23 13)				
04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	51.42	
		For Solar Reflective (Suntrol) Blocks, Add	8.41	
		For Essex (Horizontal Striated) Blocks, Add	4.80	
		For Sculptured Or Patterned Blocks, Add	8.41	
		For Colored Glass, Add	24.02	
		For Thinline Block, Deduct	-6.01	
		For >1,000 To 5,000, Deduct	-3.93	
		For >5,000, Deduct	-6.49	

04 Masonry
04 20 Unit Masonry
04 23 Glass Unit Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 23 13 00-0003	SF		8" x 8" x 4" Plain Glass Block	37.14	
			For Solar Reflective (Suntrol) Blocks, Add	5.95	
			For Essex (Horizontal Striated) Blocks, Add	3.40	
			For Sculptured Or Patterned Blocks, Add	5.95	
			For Colored Glass, Add	17.00	
			For Thinline Block, Deduct	-4.25	
			For >1,000 To 5,000, Deduct	-2.85	
			For >5,000, Deduct	-4.70	
04 23 13 00-0004	SF		12" x 12" x 4" Plain Glass Block	40.26	
			For Solar Reflective (Suntrol) Blocks, Add	7.61	
			For Essex (Horizontal Striated) Blocks, Add	4.35	
			For Sculptured Or Patterned Blocks, Add	7.61	
			For Colored Glass, Add	21.73	
			For Thinline Block, Deduct	-5.43	
			For >1,000 To 5,000, Deduct	-2.93	
			For >5,000, Deduct	-4.94	
04 23 13 00-0005			Solid Glass Block (Vistabrik®) (04 23 13)		
04 23 13 00-0006	SF		3" x 8" x 3" Solid Glass Block (Vistabrik®)	430.21	
04 23 13 00-0007	SF		4" x 8" x 3" Solid Glass Block (Vistabrik®)	328.12	
04 23 13 00-0008	SF		6" x 8" x 3" Solid Glass Block (Vistabrik®)	227.24	
04 23 13 00-0009	SF		8" x 8" x 3" Solid Glass Block (Vistabrik®)	159.47	
04 40 Stone Assemblies (04)					
Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.					
04 41 Dry-Placed Stone (04 40)					
04 41 00 00-0001			Ashlar Veneer, Random Size, Square Cut Rough Stone (04 41)		
04 41 00 00-0002	SF		4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	22.05	6.42
04 41 00 00-0003	SF		6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	22.45	6.42
04 42 Exterior Stone Cladding (04 40)					
04 42 43 Stone Panels for Curtain Walls (04 42)					
04 42 43 00-0001			Marble Facing Panels (04 42 43)		
			Note: 3' x 1.5'		
04 42 43 00-0002	SF		3/4" Thick Marble Facing Panels	56.43	14.70
04 42 43 00-0003	SF		7/8" Thick Marble Facing Panels	59.38	14.88
04 42 43 00-0004	SF		1-1/2" Thick Marble Facing Panels	67.98	15.17
04 42 43 00-0005	SF		2" Thick Marble Facing Panels	74.40	15.64
04 42 43 00-0006	SF		2-1/4" Thick Marble Facing Panels	79.25	16.60
04 42 43 00-0007	CF		Marble Face Panel	329.24	54.05
04 42 43 00-0008			Smooth Limestone Panels (04 42 43)		
			Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF		1-1/2" Thick Smooth Limestone Panels	52.40	29.49
04 42 43 00-0010	SF		2" Thick Smooth Limestone Panels	55.63	30.91
04 42 43 00-0011	SF		3" Thick Smooth Limestone Panels	59.03	32.33
04 42 43 00-0012	SF		4" Thick Smooth Limestone Panels	68.66	35.55
04 42 43 00-0013			Sandstone Panels (04 42 43)		
04 42 43 00-0014	SF		2-1/2" Thick Sandstone Panels	60.49	30.91
04 42 43 00-0015	SF		4" Thick Sandstone Panels	66.20	35.55
04 42 43 00-0016	SF		Split Face Sandstone Panels, Random Sizes	60.44	35.55
04 43 Stone Masonry (04 40)					
04 43 16 Stone Fabrications (04 43)					
04 43 16 00-0001			Marble (04 43 16)		
04 43 16 00-0002			Marble Base (04 43 16 00-0001)		
			Note: 1" thick.		
04 43 16 00-0003	LF		4" High Marble Base	90.15	58.61
04 43 16 00-0004	LF		6" High Marble Base	101.71	63.84
04 43 16 00-0005			Marble Columns (04 43 16 00-0001)		
04 43 16 00-0006	CF		Plain Faced Solid Marble Columns	232.23	54.05
04 43 16 00-0007	CF		Fluted, Carved Solid Marble Columns	374.77	54.05
04 43 16 00-0008			Marble Flooring (04 43 16 00-0001)		
04 43 16 00-0009	SF		3/8" Uniform Color Marble Flooring	24.64	13.42



			Masonry	04	40
			Stone Assemblies	04 40	
			Stone Masonry	04 43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0010	SF		1/2" Uniform Color Marble Flooring.....	26.22	13.42
04 43 16 00-0011	SF		1/2" Travertine Marble Flooring.....	31.28	15.32
04 43 16 00-0012 Marble Items (04 43 16 00-0001)					
04 43 16 00-0013	LF		12" Wide Marble Stair Treads.....	62.32	21.12
04 43 16 00-0014	LF		6" Wide Marble Stair Risers.....	47.63	16.93
04 43 16 00-0015	LF		6" Wide x 2" Thick Marble Window Sills.....	29.06	12.55
04 43 16 00-0016	LF		5" Wide x 7/8" Thick Marble Window Stool, Polished.....	54.56	15.40
04 43 16 00-0017	SF		7/8" Thick, Non Skid, Marble Patio Blocks.....	33.24	19.45
04 43 16 00-0018 Limestone (04 43 16)					
04 43 16 00-0019 Ashlar Veneer Limestone (04 43 16 00-0018)					
04 43 16 00-0020	SF		4" Ashlar Veneer Limestone, Random Sizes.....	54.05	21.12
04 43 16 00-0021	SF		6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes.....	82.55	29.01
04 43 16 00-0022 Limestone Coping (04 43 16 00-0018)					
Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.					
04 43 16 00-0023	SF		2-1/2" Thick Limestone Coping.....	26.28	7.58
04 43 16 00-0024	SF		3" Thick Limestone Coping.....	29.46	8.06
04 43 16 00-0025	SF		3-1/2" Thick Limestone Coping.....	32.62	8.54
04 43 16 00-0026	SF		4" Thick Limestone Coping.....	34.84	8.82
04 43 16 00-0027	SF		5" Thick Limestone Coping.....	40.25	9.00
04 43 16 00-0028	SF		6" Thick Limestone Coping.....	58.71	9.48
04 43 16 00-0029	CF		>6" Thick Limestone Coping.....	96.12	19.06
04 43 16 00-0030 Limestone Stair Treads (04 43 16 00-0018)					
04 43 16 00-0031	SF		2" Thick Limestone Treads.....	31.31	7.11
04 43 16 00-0032	SF		2-1/2" Thick Limestone Treads.....	33.32	7.58
04 43 16 00-0033	SF		3" Thick Limestone Treads.....	37.33	8.06
04 43 16 00-0034	SF		3-1/2" Thick Limestone Treads.....	40.38	8.54
04 43 16 00-0035	SF		4" Thick Limestone Treads.....	43.44	8.54
04 43 16 00-0036	SF		5" Thick Limestone Treads.....	47.67	9.00
04 43 16 00-0037	SF		6" Thick Limestone Tread, Smooth Finish.....	66.21	9.48
04 43 16 00-0038 Limestone Items (04 43 16 00-0018)					
04 43 16 00-0039	CF		Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	164.07	71.47
04 43 16 00-0040 Granite (04 43 16)					
04 43 16 00-0041 Polished Granite Veneer Facing Panels (04 43 16 00-0040)					
Note: Excludes structural support steel.					
04 43 16 00-0042	SF		7/8" Thick Black Polished Granite Veneer Facing Panels.....	90.42	29.67
04 43 16 00-0043	SF		7/8" Thick Gray Polished Granite Veneer Facing Panels.....	82.37	29.67
04 43 16 00-0044 Granite Stair Treads (04 43 16 00-0040)					
04 43 16 00-0045	SF		2" Thick Granite Stair Tread.....	52.88	7.11
04 43 16 00-0046 Slate (04 43 16)					
04 43 16 00-0047 Slate Panels Or Sills (04 43 16 00-0046)					
04 43 16 00-0048	SF		1" Thick Slate Panels.....	54.17	29.67
04 43 16 00-0049	SF		2" Thick Slate Panels.....	63.65	29.67
04 43 16 00-0050 Slate Sills Or Stools (04 43 16 00-0046)					
04 43 16 00-0051	LF		6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	24.59	12.63
04 43 16 00-0052	LF		10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	30.61	12.63
04 43 16 00-0053	LF		6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	29.76	12.63
04 43 16 00-0054	LF		10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	42.68	12.63
04 43 16 00-0055 Slate Stair Treads (04 43 16 00-0046)					
04 43 16 00-0056	SF		2" Thick Slate Stair Tread.....	37.17	7.11
04 50 Refractory Masonry (04)					
04 51 Flue Liner Masonry (04 50)					
Note: Includes mortar joints.					
04 51 00 00-0001 Rectangular Flue Liners (04 51)					

04 Masonry
04 50 Refractory Masonry
04 51 Flue Liner Masonry



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 51 00 00-0002 VLF 4" x 8" Clay Flue Liners	17.39	
04 51 00 00-0003 VLF 8" x 8" Clay Flue Liners	24.29	
04 51 00 00-0004 VLF 8" x 12" Clay Flue Liners	27.60	
04 51 00 00-0005 VLF 12" x 12" Clay Flue Liners	34.42	
04 51 00 00-0006 VLF 12" x 16" Clay Flue Liners	42.38	
04 51 00 00-0007 VLF 12" x 18" Clay Flue Liners	48.32	
04 51 00 00-0008 VLF 16" x 16" Clay Flue Liners	52.59	
04 51 00 00-0009 VLF 16" x 20" Clay Flue Liners	65.32	
04 51 00 00-0010 VLF 18" x 18" Clay Flue Liners	69.84	
04 51 00 00-0011 VLF 20" x 20" Clay Flue Liners	90.35	
04 51 00 00-0012 VLF 20" x 24" Clay Flue Liners	98.46	
04 51 00 00-0013 VLF 24" x 24" Clay Flue Liners	117.07	
04 51 00 00-0014 Round Flue Liners (04 51)		
04 51 00 00-0015 VLF 6" Diameter Clay Flue Liners	43.30	
04 51 00 00-0016 VLF 8" Diameter Clay Flue Liners	63.78	
04 51 00 00-0017 VLF 10" Diameter Clay Flue Liners	84.32	
04 51 00 00-0018 VLF 12" Diameter Clay Flue Liners	102.97	
04 51 00 00-0019 VLF 15" Diameter Clay Flue Liners	126.69	
04 51 00 00-0020 VLF 18" Diameter Clay Flue Liners	136.98	
04 51 00 00-0021 VLF 21" Diameter Clay Flue Liners	175.01	
04 51 00 00-0022 VLF 24" Diameter Clay Flue Liners	215.08	
04 51 00 00-0023 VLF 27" Diameter Clay Flue Liners	248.28	
04 51 00 00-0024 VLF 30" Diameter Clay Flue Liners	282.47	
04 51 00 00-0025 VLF 33" Diameter Clay Flue Liners	295.93	
04 51 00 00-0026 VLF 36" Diameter Clay Flue Liners	302.14	
04 51 00 00-0027 Standard Chimney Block (04 51)		
Note: Includes refractory mortar. Excludes flue liners.		
04 51 00 00-0028 EA 14" x 14" x 8" Concrete Block Chimney Unit	25.11	
04 51 00 00-0029 EA 14" x 18" x 8" Concrete Block Chimney Unit	27.24	
04 51 00 00-0030 EA 16" x 16" x 8" Concrete Block Chimney Unit	27.44	
04 51 00 00-0031 EA 17" x 17" x 8" Concrete Block Chimney Unit	28.76	
04 51 00 00-0032 EA 16" x 20" x 8" Concrete Block Chimney Unit	30.21	
04 51 00 00-0033 EA 17" x 21" x 8" Concrete Block Chimney Unit	31.77	
04 51 00 00-0034 EA 21" x 21" x 8" Concrete Block Chimney Unit	35.79	
04 70 Manufactured Masonry (04)		
04 72 Cast Stone Masonry (04 70)		
04 72 00 00-0001 Precast Concrete Lintels (04 72)		
04 72 00 00-0002 Solid Precast Concrete Lintels (04 72 00 00-0001)		
04 72 00 00-0003 LF 4" x 8", Solid Precast Concrete Lintel	13.19	
04 72 00 00-0004 LF 6" x 8", Solid Precast Concrete Lintel	16.48	
04 72 00 00-0005 LF 8" x 8", Solid Precast Concrete Lintel	20.12	
04 72 00 00-0006 U Shaped Precast Concrete Lintels (04 72 00 00-0001)		
Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007 LF 6" x 8", U Shaped Precast Concrete Lintel	14.14	
04 72 00 00-0008 LF 8" x 8", U Shaped Precast Concrete Lintel	16.94	
04 72 00 00-0009 LF 12" x 8", U Shaped Precast Concrete Lintel	26.86	
04 72 00 00-0010 Precast Concrete Coping (04 72)		
Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 72 00 00-0011 Precast Concrete Coping (04 72 00 00-0010)		
Note: Measured at highest point.		
04 72 00 00-0012 SF 2" Thick Precast Concrete Coping	37.18	10.33
04 72 00 00-0013 SF 2-1/2" Thick Precast Concrete Coping	40.78	11.12
04 72 00 00-0014 SF 3" Thick Precast Concrete Coping	46.52	11.91
04 72 00 00-0015 SF 3-1/2" Thick Precast Concrete Coping	49.32	12.71
04 72 00 00-0016 SF 4" Thick Precast Concrete Coping	52.14	13.50
04 72 00 00-0017 SF 5" Thick Precast Concrete Coping	60.84	14.30
04 72 00 00-0018 SF 6" Thick Precast Concrete Coping	68.24	15.09
04 72 00 00-0019 Precast Concrete Window Sills (04 72)		
Note: Includes caulk and ties.		
04 72 00 00-0020 Precast Concrete Window Sills (04 72 00 00-0019)		
04 72 00 00-0021 LF 6" Wide Precast Concrete Window Sill	26.65	7.94
04 72 00 00-0022 LF 10" Wide Precast Concrete Window Sill	37.35	7.94
04 72 00 00-0023 LF 14" Wide Precast Concrete Window Sill	42.97	7.94



		Masonry	04	04
		Manufactured Masonry	04 70	
		Cast Stone Masonry	04 72	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST

END OF SECTION 04

NOT FOR BID

04	04	Masonry
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST

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NOT FOR BID



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 Metals

05 05 Common Work Results for Metals (05)

05 05 19 Post-Installed Concrete Anchors (05 05)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors (05 05 19)

05 05 19 00-0002 Expansion Anchors (05 05 19 00-0001)

Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors (05 05 19 00-0002)

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003)

Note: Includes nut and washer.

05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	9.85
	For >10 To 50, Deduct	-0.46
	For >50 To 100, Deduct	-0.93
	For >100, Deduct	-1.87
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	9.96
	For >10 To 50, Deduct	-0.46
	For >50 To 100, Deduct	-0.94
	For >100, Deduct	-1.87
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	10.29
	For >10 To 50, Deduct	-0.47
	For >50 To 100, Deduct	-0.96
	For >100, Deduct	-1.93
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	12.12
	For >10 To 50, Deduct	-0.56
	For >50 To 100, Deduct	-1.14
	For >100, Deduct	-2.28
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	12.20
	For >10 To 50, Deduct	-0.56
	For >50 To 100, Deduct	-1.14
	For >100, Deduct	-2.28
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	12.23
	For >10 To 50, Deduct	-0.56
	For >50 To 100, Deduct	-1.14
	For >100, Deduct	-2.29
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	12.54
	For >10 To 50, Deduct	-0.56
	For >50 To 100, Deduct	-1.15
	For >100, Deduct	-2.30
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	17.61
	For >10 To 50, Deduct	-0.79
	For >50 To 100, Deduct	-1.63
	For >100, Deduct	-3.26
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	17.67
	For >10 To 50, Deduct	-0.79
	For >50 To 100, Deduct	-1.63
	For >100, Deduct	-3.26
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	17.80
	For >10 To 50, Deduct	-0.79
	For >50 To 100, Deduct	-1.64
	For >100, Deduct	-3.27
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	18.15
	For >10 To 50, Deduct	-0.79
	For >50 To 100, Deduct	-1.64
	For >100, Deduct	-3.29
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	18.62
	For >10 To 50, Deduct	-0.79
	For >50 To 100, Deduct	-1.66
	For >100, Deduct	-3.31
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.10
	For >10 To 50, Deduct	-0.98
	For >50 To 100, Deduct	-2.05
	For >100, Deduct	-4.09
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.20
	For >10 To 50, Deduct	-0.98
	For >50 To 100, Deduct	-2.05
	For >100, Deduct	-4.10
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.42
	For >10 To 50, Deduct	-0.98
	For >50 To 100, Deduct	-2.05
	For >100, Deduct	-4.11
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.84
	For >10 To 50, Deduct	-0.98
	For >50 To 100, Deduct	-2.07
	For >100, Deduct	-4.13
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	24.26
	For >10 To 50, Deduct	-0.98
	For >50 To 100, Deduct	-2.08
	For >100, Deduct	-4.15

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	27.60	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.32	
05 05 19 00-0023	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	30.47	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.23	
			For >100, Deduct	-4.46	
05 05 19 00-0024	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	27.95	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.45	
			For >100, Deduct	-4.90	
05 05 19 00-0025	EA		3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	28.04	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.45	
			For >100, Deduct	-4.90	
05 05 19 00-0026	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	28.55	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.46	
			For >100, Deduct	-4.93	
05 05 19 00-0027	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	29.17	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.48	
			For >100, Deduct	-4.96	
05 05 19 00-0028	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	29.87	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.50	
			For >100, Deduct	-4.99	
05 05 19 00-0029	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	32.55	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.56	
			For >100, Deduct	-5.13	
05 05 19 00-0030	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	36.11	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.65	
			For >100, Deduct	-5.30	
05 05 19 00-0031	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	40.12	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.75	
			For >100, Deduct	-5.50	
05 05 19 00-0032	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	38.55	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-2.86	
			For >100, Deduct	-5.72	
05 05 19 00-0033	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	40.66	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-2.91	
			For >100, Deduct	-5.83	
05 05 19 00-0034	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	43.46	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-2.98	
			For >100, Deduct	-5.97	
05 05 19 00-0035	EA		1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	47.48	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.64	
			For >100, Deduct	-7.29	
05 05 19 00-0036	EA		1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	51.46	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.74	
			For >100, Deduct	-7.49	
05 05 19 00-0037	EA		1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	55.40	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.84	
			For >100, Deduct	-7.68	
05 05 19 00-0038	EA		1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	61.97	
			For >10 To 50, Deduct	-2.10	
			For >50 To 100, Deduct	-4.69	
			For >100, Deduct	-9.39	
05 05 19 00-0039	EA		1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	64.82	
			For >10 To 50, Deduct	-2.10	
			For >50 To 100, Deduct	-4.76	
			For >100, Deduct	-9.53	
05 05 19 00-0040			304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt		
			Note: Includes nut and washer.		
05 05 19 00-0041	EA		1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	10.90	
			For >10 To 50, Deduct	-0.46	
			For >50 To 100, Deduct	-0.96	
			For >100, Deduct	-1.92	
05 05 19 00-0042	EA		1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.31	
			For >10 To 50, Deduct	-0.46	
			For >50 To 100, Deduct	-0.97	
			For >100, Deduct	-1.94	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043	EA		1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.81	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-1.00	
			For >100, Deduct	-2.01	
05 05 19 00-0044	EA		3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.07	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.19	
			For >100, Deduct	-2.38	
05 05 19 00-0045	EA		3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.42	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.20	
			For >100, Deduct	-2.40	
05 05 19 00-0046	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.67	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.20	
			For >100, Deduct	-2.41	
05 05 19 00-0047	EA		3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	16.55	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.25	
			For >100, Deduct	-2.50	
05 05 19 00-0048	EA		1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.97	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.74	
			For >100, Deduct	-3.48	
05 05 19 00-0049	EA		1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	22.62	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.76	
			For >100, Deduct	-3.51	
05 05 19 00-0050	EA		1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.00	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.77	
			For >100, Deduct	-3.53	
05 05 19 00-0051	EA		1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	24.72	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.81	
			For >100, Deduct	-3.62	
05 05 19 00-0052	EA		1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	27.30	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.87	
			For >100, Deduct	-3.75	
05 05 19 00-0053	EA		5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	31.96	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.27	
			For >100, Deduct	-4.54	
05 05 19 00-0054	EA		5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	33.64	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.31	
			For >100, Deduct	-4.62	
05 05 19 00-0055	EA		5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	35.45	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.36	
			For >100, Deduct	-4.71	
05 05 19 00-0056	EA		5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	37.87	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.42	
			For >100, Deduct	-4.83	
05 05 19 00-0057	EA		5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.46	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.68	
			For >100, Deduct	-5.36	
05 05 19 00-0058	EA		3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	38.17	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.70	
			For >100, Deduct	-5.41	
05 05 19 00-0059	EA		3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	41.58	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.79	
			For >100, Deduct	-5.58	
05 05 19 00-0060	EA		3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	44.49	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.86	
			For >100, Deduct	-5.72	
05 05 19 00-0061	EA		3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	44.85	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.87	
			For >100, Deduct	-5.74	
05 05 19 00-0062	EA		3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	47.59	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.94	
			For >100, Deduct	-5.88	
05 05 19 00-0063	EA		3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	54.68	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-3.12	
			For >100, Deduct	-6.23	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0064	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	64.70	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-3.37	
			For >100, Deduct	-6.73	
05 05 19 00-0065	EA		7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	64.82	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-3.52	
			For >100, Deduct	-7.04	
05 05 19 00-0066	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	94.73	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-4.82	
			For >100, Deduct	-9.65	
05 05 19 00-0067	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	109.54	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-5.19	
			For >100, Deduct	-10.39	
05 05 19 00-0068			316 Stainless Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) Note: Includes nut and washer.		
05 05 19 00-0069	EA		1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.25	
			For >10 To 50, Deduct	-0.46	
			For >50 To 100, Deduct	-0.97	
			For >100, Deduct	-1.94	
05 05 19 00-0070	EA		1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.97	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-1.01	
			For >100, Deduct	-2.01	
05 05 19 00-0071	EA		3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.20	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.43	
05 05 19 00-0072	EA		3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.79	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.23	
			For >100, Deduct	-2.46	
05 05 19 00-0073	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.94	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.24	
			For >100, Deduct	-2.47	
05 05 19 00-0074	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.79	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.31	
			For >100, Deduct	-2.61	
05 05 19 00-0075	EA		1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	24.69	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.81	
			For >100, Deduct	-3.62	
05 05 19 00-0076	EA		1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	26.34	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.85	
			For >100, Deduct	-3.70	
05 05 19 00-0077	EA		1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	29.33	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.85	
05 05 19 00-0078	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	30.08	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.94	
			For >100, Deduct	-3.88	
05 05 19 00-0079	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	41.14	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.50	
			For >100, Deduct	-5.00	
05 05 19 00-0080	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	42.04	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.52	
			For >100, Deduct	-5.04	
05 05 19 00-0081	EA		3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	51.01	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-3.02	
			For >100, Deduct	-6.05	
05 05 19 00-0082	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	54.75	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-3.12	
			For >100, Deduct	-6.24	
05 05 19 00-0083			Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) Note: Includes nut and washer.		
05 05 19 00-0084	EA		1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	20.92	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.71	
			For >100, Deduct	-3.43	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0085	EA		1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	22.25	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.75	
			For >100, Deduct	-3.49	
05 05 19 00-0086	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	23.58	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.78	
			For >100, Deduct	-3.56	
05 05 19 00-0087	EA		1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	24.25	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.80	
			For >100, Deduct	-3.59	
05 05 19 00-0088	EA		5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	29.17	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.20	
			For >100, Deduct	-4.40	
05 05 19 00-0089	EA		5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	27.57	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.32	
05 05 19 00-0090	EA		3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	38.23	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.70	
			For >100, Deduct	-5.41	
05 05 19 00-0091	EA		3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	39.69	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.74	
			For >100, Deduct	-5.48	
05 05 19 00-0092	EA		3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	46.89	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.92	
			For >100, Deduct	-5.84	
05 05 19 00-0093	EA		1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	48.09	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.66	
			For >100, Deduct	-7.32	
05 05 19 00-0094	EA		1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	52.23	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.76	
			For >100, Deduct	-7.52	
05 05 19 00-0095	EA		1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	56.33	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.86	
			For >100, Deduct	-7.73	
05 05 19 00-0096			Concrete Sleeve Anchors (05 05 19 00-0002)		
05 05 19 00-0097			Zinc Plated Steel, Concrete Sleeve Anchors (05 05 19 00-0096)		
			Note: Includes nut and washer.		
05 05 19 00-0098	EA		1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	9.88	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.90	
05 05 19 00-0099	EA		1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.03	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.91	
05 05 19 00-0100	EA		1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.22	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.96	
			For >100, Deduct	-1.92	
05 05 19 00-0101	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.42	
			For >10 To 50, Deduct	-0.49	
			For >50 To 100, Deduct	-1.00	
			For >100, Deduct	-2.00	
05 05 19 00-0102	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.56	
			For >10 To 50, Deduct	-0.49	
			For >50 To 100, Deduct	-1.00	
			For >100, Deduct	-2.01	
05 05 19 00-0103	EA		3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.80	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.26	
05 05 19 00-0104	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	12.06	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.28	
05 05 19 00-0105	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	12.30	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.29	
05 05 19 00-0106	EA		1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.04	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.61	
			For >100, Deduct	-3.23	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0107	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	17.36	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.62	
			For >100, Deduct	-3.25	
05 05 19 00-0108	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	17.64	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.63	
			For >100, Deduct	-3.26	
05 05 19 00-0109	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	17.97	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	
05 05 19 00-0110	EA		5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.43	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.01	
			For >100, Deduct	-4.01	
05 05 19 00-0111	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	21.92	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.02	
			For >100, Deduct	-4.03	
05 05 19 00-0112	EA		5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.29	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.03	
			For >100, Deduct	-4.05	
05 05 19 00-0113	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	23.34	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.05	
			For >100, Deduct	-4.11	
05 05 19 00-0114	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.39	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.41	
			For >100, Deduct	-4.82	
05 05 19 00-0115	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.30	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.43	
			For >100, Deduct	-4.86	
05 05 19 00-0116	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.12	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.45	
			For >100, Deduct	-4.90	
05 05 19 00-0117	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.42	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.48	
			For >100, Deduct	-4.97	
05 05 19 00-0118			304/18-8 Stainless Steel, Concrete Sleeve Anchors (05 05 19 00-0096)		
			Note: Includes nut and washer.		
05 05 19 00-0119	EA		1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	11.53	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.99	
			For >100, Deduct	-1.98	
05 05 19 00-0120	EA		3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	15.17	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.43	
05 05 19 00-0121	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	16.77	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.26	
			For >100, Deduct	-2.51	
05 05 19 00-0122	EA		1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	22.67	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.76	
			For >100, Deduct	-3.51	
05 05 19 00-0123	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	25.54	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.83	
			For >100, Deduct	-3.65	
05 05 19 00-0124	EA		5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	35.19	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.35	
			For >100, Deduct	-4.70	
05 05 19 00-0125			Concrete Strike Anchors (05 05 19 00-0002)		
			Note: Includes nut and washer.		
05 05 19 00-0126	EA		1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	10.62	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.97	
			For >100, Deduct	-1.94	
05 05 19 00-0127	EA		1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	10.88	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.98	
			For >100, Deduct	-1.95	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0128	EA		5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.33	
			For >10 To 50, Deduct	-0.49	
			For >50 To 100, Deduct	-1.02	
			For >100, Deduct	-2.04	
05 05 19 00-0129	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.40	
			For >10 To 50, Deduct	-0.49	
			For >50 To 100, Deduct	-1.05	
			For >100, Deduct	-2.10	
05 05 19 00-0130	EA		3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	12.95	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.16	
			For >100, Deduct	-2.32	
05 05 19 00-0131	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	13.75	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.36	
05 05 19 00-0132	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	14.36	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.20	
			For >100, Deduct	-2.39	
05 05 19 00-0133	EA		1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	19.01	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.66	
			For >100, Deduct	-3.33	
05 05 19 00-0134	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	19.48	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.68	
			For >100, Deduct	-3.35	
05 05 19 00-0135	EA		1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	20.88	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.71	
			For >100, Deduct	-3.42	
05 05 19 00-0136	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	22.68	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.76	
			For >100, Deduct	-3.51	
05 05 19 00-0137	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	25.62	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.11	
			For >100, Deduct	-4.22	
05 05 19 00-0138	EA		5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	27.28	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.15	
			For >100, Deduct	-4.30	
05 05 19 00-0139	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	28.75	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.19	
			For >100, Deduct	-4.38	
05 05 19 00-0140	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	33.34	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.58	
			For >100, Deduct	-5.17	
05 05 19 00-0141	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	34.90	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.62	
			For >100, Deduct	-5.24	
05 05 19 00-0142			Multi-Set Drop-In Anchors (05 05 19 00-0002)		
05 05 19 00-0143			Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
			Note: Excludes bolt, nut and washer.		
05 05 19 00-0144	EA		1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	13.71	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.32	
			For >100, Deduct	-2.64	
05 05 19 00-0145	EA		3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	16.79	
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-1.61	
			For >100, Deduct	-3.23	
05 05 19 00-0146	EA		1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	20.63	
			For >10 To 50, Deduct	-0.94	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.85	
05 05 19 00-0147	EA		5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	23.55	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.14	
			For >100, Deduct	-4.27	
05 05 19 00-0148	EA		3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	28.49	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.47	
			For >100, Deduct	-4.94	
05 05 19 00-0149			304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
			Note: Excludes bolt, nut and washer.		

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	17.09	
		For >10 To 50, Deduct	-0.65	
		For >50 To 100, Deduct	-1.41	
		For >100, Deduct	-2.81	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	23.14	
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-1.77	
		For >100, Deduct	-3.55	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	29.03	
		For >10 To 50, Deduct	-0.94	
		For >50 To 100, Deduct	-2.13	
		For >100, Deduct	-4.27	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	37.08	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-2.47	
		For >100, Deduct	-4.95	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	51.75	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-3.05	
		For >100, Deduct	-6.11	
05 05 19 00-0155 Single Bolt Expansion Anchors (05 05 19 00-0002)				
Note: Excludes bolt, nut and washer.				
05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.10	
		For >10 To 50, Deduct	-0.47	
		For >50 To 100, Deduct	-0.96	
		For >100, Deduct	-1.91	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.84	
		For >10 To 50, Deduct	-0.49	
		For >50 To 100, Deduct	-1.01	
		For >100, Deduct	-2.02	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	12.25	
		For >10 To 50, Deduct	-0.56	
		For >50 To 100, Deduct	-1.14	
		For >100, Deduct	-2.29	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	17.97	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.64	
		For >100, Deduct	-3.28	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	25.41	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.10	
		For >100, Deduct	-4.21	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	30.73	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.52	
		For >100, Deduct	-5.03	
05 05 19 00-0162 Concrete Lag Shield Anchors (05 05 19 00-0002)				
Note: Excludes lag bolt and washer.				
05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.28	
		For >10 To 50, Deduct	-0.47	
		For >50 To 100, Deduct	-0.96	
		For >100, Deduct	-1.92	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.23	
		For >10 To 50, Deduct	-0.56	
		For >50 To 100, Deduct	-1.14	
		For >100, Deduct	-2.28	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.95	
		For >10 To 50, Deduct	-0.56	
		For >50 To 100, Deduct	-1.16	
		For >100, Deduct	-2.32	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	18.21	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.64	
		For >100, Deduct	-3.29	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	24.41	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.08	
		For >100, Deduct	-4.16	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	27.13	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.43	
		For >100, Deduct	-4.85	
05 05 19 00-0169 Chemical And Adhesive Anchors (05 05 19 00-0001)				
05 05 19 00-0170 Chemically Adhered Anchor Rods (05 05 19 00-0169)				
Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.				



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0171	EA		1/4" x 1-9/16" Long Chemically Adhered Anchor Rod.....	13.26	
			For >10 To 50, Deduct	-0.52	
			For >50 To 100, Deduct	-1.10	
			For >100, Deduct	-2.21	
05 05 19 00-0172	EA		5/16" x 2-3/8" Long Chemically Adhered Anchor Rod.....	15.56	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.23	
			For >100, Deduct	-2.47	
05 05 19 00-0173	EA		3/8" x 2-3/4" Long Chemically Adhered Anchor Rod.....	19.29	
			For >10 To 50, Deduct	-0.70	
			For >50 To 100, Deduct	-1.54	
			For >100, Deduct	-3.08	
05 05 19 00-0174	EA		1/2" x 3-11/16" Long Chemically Adhered Anchor Rod.....	22.73	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.76	
			For >100, Deduct	-3.51	
05 05 19 00-0175	EA		1/2" x 5-1/2" Long Chemically Adhered Anchor Rod.....	24.30	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.80	
			For >100, Deduct	-3.59	
05 05 19 00-0176	EA		5/8" x 7" Long Chemically Adhered Anchor Rod.....	30.09	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.22	
			For >100, Deduct	-4.44	
05 05 19 00-0177	EA		3/4" x 9-1/2" Long Chemically Adhered Anchor Rod.....	39.58	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.74	
			For >100, Deduct	-5.48	
05 05 19 00-0178	EA		7/8" x 10" Long Chemically Adhered Anchor Rod.....	47.45	
			For >10 To 50, Deduct	-1.26	
			For >50 To 100, Deduct	-3.08	
			For >100, Deduct	-6.16	
05 05 19 00-0179	EA		1" x 11-3/4" Long Chemically Adhered Anchor Rod.....	65.27	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-4.09	
			For >100, Deduct	-8.18	
05 05 19 00-0180	EA		1-1/4" x 14" Long Chemically Adhered Anchor Rod.....	95.00	
			For >10 To 50, Deduct	-2.06	
			For >50 To 100, Deduct	-5.47	
			For >100, Deduct	-10.94	
05 05 19 00-0181			Chemical Adhesives For Bolts, Dowels Or Threaded Rod (05 05 19 00-0169)		
			Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored.		
			Includes drilling. Excludes bolt, dowel or rod.		
05 05 19 00-0182	EA		1/4" Chemical Adhesive For Bolt Or Threaded Rod.....	10.67	
			For >10 To 50, Deduct	-0.52	
			For >50 To 100, Deduct	-1.04	
			For >100, Deduct	-2.08	
05 05 19 00-0183	EA		5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	11.72	
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.28	
05 05 19 00-0184	EA		3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	14.68	
			For >10 To 50, Deduct	-0.70	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 19 00-0185	EA		1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	16.71	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.61	
			For >100, Deduct	-3.21	
05 05 19 00-0186	EA		5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	21.68	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.01	
			For >100, Deduct	-4.02	
05 05 19 00-0187	EA		3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	26.97	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-2.42	
			For >100, Deduct	-4.85	
05 05 19 00-0188	EA		7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	30.10	
			For >10 To 50, Deduct	-1.26	
			For >50 To 100, Deduct	-2.64	
			For >100, Deduct	-5.29	
05 05 19 00-0189	EA		1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	40.05	
			For >10 To 50, Deduct	-1.64	
			For >50 To 100, Deduct	-3.46	
			For >100, Deduct	-6.92	
05 05 19 00-0190	EA		1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	45.99	
			For >10 To 50, Deduct	-1.85	
			For >50 To 100, Deduct	-3.93	
			For >100, Deduct	-7.85	
05 05 19 00-0191	EA		1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	52.96	
			For >10 To 50, Deduct	-2.06	
			For >50 To 100, Deduct	-4.42	
			For >100, Deduct	-8.84	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0192	EA		1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	57.75	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-4.68	
			For >100, Deduct	-9.36	
05 05 19 00-0193	EA		1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	64.49	
			For >10 To 50, Deduct	-2.25	
			For >50 To 100, Deduct	-4.99	
			For >100, Deduct	-9.98	
05 05 19 00-0194	EA		1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	77.98	
			For >10 To 50, Deduct	-2.44	
			For >50 To 100, Deduct	-5.61	
			For >100, Deduct	-11.22	
05 05 19 00-0195	EA		2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	109.05	
			For >10 To 50, Deduct	-2.53	
			For >50 To 100, Deduct	-6.53	
			For >100, Deduct	-13.05	
05 05 19 00-0196			Grout Concrete Anchor Bolt Or Threaded Rod (05 05 19 00-0189)		
05 05 19 00-0197	EA		Grout Concrete Anchor Bolt or Threaded Rod	4.07	
			For >10 To 50, Deduct	-0.20	
			For >50 To 100, Deduct	-0.40	
			For >100, Deduct	-0.79	
05 05 19 00-0198			Other Concrete And Masonry Anchors (05 05 19 00-0001)		
05 05 19 00-0199			Tapcon Masonry Screws (05 05 19 00-0198)		
			Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA		3/16" x 1-1/4" Tapcon Masonry Screw	9.67	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.89	
05 05 19 00-0201	EA		3/16" x 2-1/4" Tapcon Masonry Screw	9.75	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.89	
05 05 19 00-0202	EA		3/16" x 3-1/4" Tapcon Masonry Screw	9.92	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.90	
05 05 19 00-0203	EA		1/4" x 1-1/4" Tapcon Masonry Screw	9.76	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.90	
05 05 19 00-0204	EA		1/4" x 2-1/4" Tapcon Masonry Screw	9.86	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.95	
			For >100, Deduct	-1.90	
05 05 19 00-0205	EA		1/4" x 3-1/4" Tapcon Masonry Screw	10.06	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.96	
			For >100, Deduct	-1.91	
05 05 19 00-0206			Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0198)		
			Note: Includes drilling. Zinc plated.		
05 05 19 00-0207	EA		3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	10.24	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.96	
			For >100, Deduct	-1.92	
05 05 19 00-0208	EA		3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	10.54	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.97	
			For >100, Deduct	-1.93	
05 05 19 00-0209	EA		3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	10.63	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.97	
			For >100, Deduct	-1.94	
05 05 19 00-0210	EA		3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	10.78	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.97	
			For >100, Deduct	-1.95	
05 05 19 00-0211	EA		3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	10.90	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.98	
			For >100, Deduct	-1.95	
05 05 19 00-0212	EA		1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	11.17	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.98	
			For >100, Deduct	-1.97	
05 05 19 00-0213	EA		1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	11.50	
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-0.99	
			For >100, Deduct	-1.98	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	.....	11.81	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.00	
		For >100, Deduct	.....	-2.00	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	.....	12.66	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.02	
		For >100, Deduct	.....	-2.04	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	.....	12.76	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.02	
		For >100, Deduct	.....	-2.05	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	.....	13.28	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.04	
		For >100, Deduct	.....	-2.07	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	.....	13.81	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.05	
		For >100, Deduct	.....	-2.10	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	.....	14.16	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.06	
		For >100, Deduct	.....	-2.12	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	.....	14.00	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.05	
		For >100, Deduct	.....	-2.11	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	.....	14.50	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.07	
		For >100, Deduct	.....	-2.13	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	.....	15.66	
		For >10 To 50, Deduct	.....	-0.47	
		For >50 To 100, Deduct	.....	-1.10	
		For >100, Deduct	.....	-2.19	
05 05 19 00-0223		Pin Bolt Drives (05 05 19 00-0198)			
		Note: Includes drilling. Zinc plated.			
05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	.....	6.08	
		For >10 To 50, Deduct	.....	-0.28	
		For >50 To 100, Deduct	.....	-0.57	
		For >100, Deduct	.....	-1.15	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	.....	6.08	
		For >10 To 50, Deduct	.....	-0.28	
		For >50 To 100, Deduct	.....	-0.57	
		For >100, Deduct	.....	-1.15	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	.....	6.14	
		For >10 To 50, Deduct	.....	-0.28	
		For >50 To 100, Deduct	.....	-0.58	
		For >100, Deduct	.....	-1.15	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	.....	6.15	
		For >10 To 50, Deduct	.....	-0.28	
		For >50 To 100, Deduct	.....	-0.58	
		For >100, Deduct	.....	-1.15	
05 05 19 00-0228		Powder Actuated, Shot-In Place Anchors (05 05 19 00-0198)			
05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	.....	1.54	
		For >10 To 50, Deduct	.....	-0.06	
		For >50 To 100, Deduct	.....	-0.13	
		For >100, Deduct	.....	-0.27	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	.....	1.63	
		For >10 To 50, Deduct	.....	-0.07	
		For >50 To 100, Deduct	.....	-0.14	
		For >100, Deduct	.....	-0.28	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	.....	1.78	
		For >10 To 50, Deduct	.....	-0.07	
		For >50 To 100, Deduct	.....	-0.15	
		For >100, Deduct	.....	-0.30	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	.....	1.98	
		For >10 To 50, Deduct	.....	-0.08	
		For >50 To 100, Deduct	.....	-0.16	
		For >100, Deduct	.....	-0.32	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	.....	2.10	
		For >10 To 50, Deduct	.....	-0.08	
		For >50 To 100, Deduct	.....	-0.17	
		For >100, Deduct	.....	-0.33	
05 05 19 00-0234		Powder Actuated, Shot-In Place Anchors With Exposed Thread (05 05 19 00-0198)			

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0235 EA 0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	1.86	
For >10 To 50, Deduct	-0.07	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.29	
05 05 19 00-0236 EA 0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	2.56	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.18	
For >100, Deduct	-0.37	
05 05 21 Fastening Methods for Metal (05 05)		
05 05 21 00-0001 Welding (05 05 21)		
05 05 21 00-0002 Welding Minimum Charge (05 05 21 00-0001)		
05 05 21 00-0003 EA Welding Minimum Charge	417.58	
Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively.		
This task should not be used in conjunction with any other tasks in this section.		
05 05 21 00-0004 Spot Welding (05 05 21 00-0001)		
05 05 21 00-0005 EA Up To 15 Spot Weldings, Welds Up To 1" Length Each	10.67	
For Aluminum Welding, Add	1.67	
For Stainless Steel Welding, Add	2.75	
05 05 21 00-0006 EA >15 Spot Weldings, Welds Up To 1" Length Each	8.32	
For Aluminum Welding, Add	1.31	
For Stainless Steel Welding, Add	2.16	
05 05 21 00-0007 Field Welding (Seam And Stitch Welding) (05 05 21 00-0001)		
05 05 21 00-0008 Vertical Fillet Welds (05 05 21 00-0007)		
Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0009 LF 1/8" Vertical Fillet Weld	6.76	
For Aluminum Welding, Add	1.33	
For Stainless Steel Welding, Add	2.09	
For Up To 25, Add	2.23	
For >25 To 50, Add	1.58	
05 05 21 00-0010 LF 3/16" Vertical Fillet Weld	13.13	
For Aluminum Welding, Add	2.37	
For Stainless Steel Welding, Add	3.78	
For Up To 25, Add	4.43	
For >25 To 50, Add	3.15	
05 05 21 00-0011 LF 1/4" Vertical Fillet Weld	19.71	
For Aluminum Welding, Add	3.56	
For Stainless Steel Welding, Add	5.69	
For Up To 25, Add	6.65	
For >25 To 50, Add	4.73	
05 05 21 00-0012 LF 5/16" Vertical Fillet Weld	26.00	
For Aluminum Welding, Add	4.72	
For Stainless Steel Welding, Add	7.52	
For Up To 25, Add	8.76	
For >25 To 50, Add	6.23	
05 05 21 00-0013 LF 3/8" Vertical Fillet Weld	32.84	
For Aluminum Welding, Add	5.93	
For Stainless Steel Welding, Add	9.46	
For Up To 25, Add	11.08	
For >25 To 50, Add	7.88	
05 05 21 00-0014 LF 7/16" Vertical Fillet Weld	38.23	
For Aluminum Welding, Add	6.53	
For Stainless Steel Welding, Add	10.55	
For Up To 25, Add	13.05	
For >25 To 50, Add	9.29	
05 05 21 00-0015 LF 1/2" Vertical Fillet Weld	44.89	
For Aluminum Welding, Add	8.13	
For Stainless Steel Welding, Add	12.97	
For Up To 25, Add	15.13	
For >25 To 50, Add	10.76	
05 05 21 00-0016 LF 9/16" Vertical Fillet Weld	52.54	
For Aluminum Welding, Add	9.14	
For Stainless Steel Welding, Add	14.70	
For Up To 25, Add	17.87	
For >25 To 50, Add	12.72	
05 05 21 00-0017 LF 5/8" Vertical Fillet Weld	60.91	
For Aluminum Welding, Add	10.62	
For Stainless Steel Welding, Add	17.08	
For Up To 25, Add	20.70	
For >25 To 50, Add	14.73	
05 05 21 00-0018 LF 3/4" Vertical Fillet Weld	82.16	
For Aluminum Welding, Add	14.87	
For Stainless Steel Welding, Add	23.73	
For Up To 25, Add	27.69	
For >25 To 50, Add	19.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0019 LF 7/8" Vertical Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	121.62 21.09 33.96 41.38 29.46	
05 05 21 00-0020 LF 1" Vertical Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	163.77 29.33 46.90 55.33 39.35	
05 05 21 00-0021 Horizontal Or Flat Fillet Welds (05 05 21 00-0007) Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0022 LF 1/8" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	5.69 1.17 1.82 1.86 1.32	
05 05 21 00-0023 LF 3/16" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	11.12 2.09 3.31 3.72 2.64	
05 05 21 00-0024 LF 1/4" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	16.63 3.12 4.95 5.56 3.95	
05 05 21 00-0025 LF 5/16" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	21.98 4.16 6.57 7.34 5.21	
05 05 21 00-0026 LF 3/8" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	27.75 5.21 8.24 9.28 6.59	
05 05 21 00-0027 LF 7/16" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	32.17 5.66 9.09 10.91 7.76	
05 05 21 00-0028 LF 1/2" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	37.89 7.15 11.30 12.65 8.98	
05 05 21 00-0029 LF 9/16" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	44.31 7.98 12.75 14.95 10.63	
05 05 21 00-0030 LF 5/8" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	51.59 9.47 15.07 17.33 12.32	
05 05 21 00-0031 LF 3/4" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	69.42 13.09 20.70 23.18 16.46	
05 05 21 00-0032 LF 7/8" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	101.82 17.93 28.77 34.53 24.57	
05 05 21 00-0033 LF 1" Horizontal Or Flat Fillet Weld For Aluminum Welding, Add For Stainless Steel Welding, Add For Up To 25, Add For >25 To 50, Add	137.86 25.67 40.71 46.17 32.80	

05 05 23 Metal Fastenings (05 05)

- 05 05 23 00-0001 Hex Bolts (05 05 23)
Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0269 for drilling into concrete, 02 41 19 13-0279 for drilling into brick or block, 02 41 19 13-0289 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.
- 05 05 23 00-0002 A307B Heavy Hex Bolts (05 05 23 00-0001)
Note: Includes A307B heavy hex nut and two structural washers.

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT	COST	UNIT	COST
05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts (05 05 23 00-0002)					
05 05 23 00-0004	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt		12.48		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.06		
	For >100, Deduct		-2.12		
05 05 23 00-0005	EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt		13.93		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.10		
	For >100, Deduct		-2.19		
05 05 23 00-0006	EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt		13.97		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.10		
	For >100, Deduct		-2.19		
05 05 23 00-0007	EA 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt		16.72		1.36
	For >10 To 50, Deduct		-0.57		
	For >50 To 100, Deduct		-1.27		
	For >100, Deduct		-2.54		
05 05 23 00-0008	EA 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt		16.41		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.16		
	For >100, Deduct		-2.32		
05 05 23 00-0009	EA 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt		19.75		1.36
	For >10 To 50, Deduct		-0.57		
	For >50 To 100, Deduct		-1.35		
	For >100, Deduct		-2.69		
05 05 23 00-0010	EA 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt		25.37		1.43
	For >10 To 50, Deduct		-0.60		
	For >50 To 100, Deduct		-1.53		
	For >100, Deduct		-3.05		
05 05 23 00-0011	EA 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt		27.30		1.50
	For >10 To 50, Deduct		-0.63		
	For >50 To 100, Deduct		-1.62		
	For >100, Deduct		-3.24		
05 05 23 00-0012	EA 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt		19.83		1.30
	For >10 To 50, Deduct		-0.54		
	For >50 To 100, Deduct		-1.31		
	For >100, Deduct		-2.61		
05 05 23 00-0013	EA 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt		24.09		1.43
	For >10 To 50, Deduct		-0.59		
	For >50 To 100, Deduct		-1.49		
	For >100, Deduct		-2.99		
05 05 23 00-0014	EA 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt		28.59		1.50
	For >10 To 50, Deduct		-0.63		
	For >50 To 100, Deduct		-1.65		
	For >100, Deduct		-3.31		
05 05 23 00-0015	EA 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt		41.56		1.57
	For >10 To 50, Deduct		-0.66		
	For >50 To 100, Deduct		-2.03		
	For >100, Deduct		-4.05		
05 05 23 00-0016	EA 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt		48.75		1.79
	For >10 To 50, Deduct		-0.74		
	For >50 To 100, Deduct		-2.33		
	For >100, Deduct		-4.67		
05 05 23 00-0017	EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt		54.99		1.91
	For >10 To 50, Deduct		-0.80		
	For >50 To 100, Deduct		-2.57		
	For >100, Deduct		-5.14		
05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts (05 05 23 00-0002)					
05 05 23 00-0019	EA 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt		13.19		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.08		
	For >100, Deduct		-2.16		
05 05 23 00-0020	EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt		14.41		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.11		
	For >100, Deduct		-2.22		
05 05 23 00-0021	EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt		15.73		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.14		
	For >100, Deduct		-2.28		
05 05 23 00-0022	EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt		18.48		1.36
	For >10 To 50, Deduct		-0.57		
	For >50 To 100, Deduct		-1.32		
	For >100, Deduct		-2.63		
05 05 23 00-0023	EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt		18.40		1.19
	For >10 To 50, Deduct		-0.50		
	For >50 To 100, Deduct		-1.21		
	For >100, Deduct		-2.42		
05 05 23 00-0024	EA 3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt		23.43		1.36
	For >10 To 50, Deduct		-0.57		
	For >50 To 100, Deduct		-1.44		
	For >100, Deduct		-2.88		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	31.72	1.43
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.69	
		For >100, Deduct	-3.37	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....	37.58	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.88	
		For >100, Deduct	-3.76	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	25.05	1.30
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.44	
		For >100, Deduct	-2.87	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	29.97	1.43
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.64	
		For >100, Deduct	-3.28	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	36.19	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.84	
		For >100, Deduct	-3.69	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	55.32	1.57
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-2.37	
		For >100, Deduct	-4.74	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	54.90	1.79
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-2.49	
		For >100, Deduct	-4.97	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	69.25	1.91
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-2.92	
		For >100, Deduct	-5.85	
05 05 23 00-0033		A325 High Strength Structural Bolts (05 05 23 00-0001)		
05 05 23 00-0034		Plain Finish A325 High Strength Structural Bolts (05 05 23 00-0033) Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt.....	12.15	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.05	
		For >100, Deduct	-2.10	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	12.47	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.06	
		For >100, Deduct	-2.12	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	13.49	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.09	
		For >100, Deduct	-2.17	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	16.75	1.36
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.27	
		For >100, Deduct	-2.55	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	19.70	1.43
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.39	
		For >100, Deduct	-2.77	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	14.91	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.12	
		For >100, Deduct	-2.24	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	18.27	1.36
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.31	
		For >100, Deduct	-2.62	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	21.04	1.43
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.42	
		For >100, Deduct	-2.84	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	26.39	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.60	
		For >100, Deduct	-3.20	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	17.49	1.30
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.25	
		For >100, Deduct	-2.50	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	21.60	1.43
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.43	
		For >100, Deduct	-2.86	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	24.91	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.56	
		For >100, Deduct	-3.12	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	27.09	1.57
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.66	
		For >100, Deduct	-3.33	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	19.49	1.35
		For >10 To 50, Deduct	-0.56	
		For >50 To 100, Deduct	-1.33	
		For >100, Deduct	-2.66	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	23.70	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.53	
		For >100, Deduct	-3.06	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	27.77	1.57
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.68	
		For >100, Deduct	-3.36	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	36.24	1.67
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.96	
		For >100, Deduct	-3.91	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	34.45	1.67
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.91	
		For >100, Deduct	-3.82	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	39.29	1.79
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-2.10	
		For >100, Deduct	-4.19	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	46.47	1.91
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-2.36	
		For >100, Deduct	-4.71	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	54.97	2.04
		For >10 To 50, Deduct	-0.85	
		For >50 To 100, Deduct	-2.65	
		For >100, Deduct	-5.29	
05 05 23 00-0056		Galvanized A325 High Strength Structural Bolts (05 05 23 00-0033) Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	12.79	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.07	
		For >100, Deduct	-2.14	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	13.01	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.07	
		For >100, Deduct	-2.15	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	14.84	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.12	
		For >100, Deduct	-2.24	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	17.71	1.36
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.30	
		For >100, Deduct	-2.59	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	18.78	1.43
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.36	
		For >100, Deduct	-2.72	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	15.53	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.14	
		For >100, Deduct	-2.27	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	19.05	1.36
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.33	
		For >100, Deduct	-2.66	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	22.26	1.43
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.45	
		For >100, Deduct	-2.90	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	29.28	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.67	
		For >100, Deduct	-3.34	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	21.21	1.30
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.34	
		For >100, Deduct	-2.68	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	23.80	1.43
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.49	
		For >100, Deduct	-2.97	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0068	EA		7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	27.59	1.50
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.63	
			For >100, Deduct	-3.26	
05 05 23 00-0069	EA		7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	35.10	1.57
			For >10 To 50, Deduct	-0.66	
			For >50 To 100, Deduct	-1.86	
			For >100, Deduct	-3.73	
05 05 23 00-0070	EA		1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	22.39	1.35
			For >10 To 50, Deduct	-0.56	
			For >50 To 100, Deduct	-1.40	
			For >100, Deduct	-2.81	
05 05 23 00-0071	EA		1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	30.35	1.50
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.70	
			For >100, Deduct	-3.40	
05 05 23 00-0072	EA		1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	33.34	1.57
			For >10 To 50, Deduct	-0.66	
			For >50 To 100, Deduct	-1.82	
			For >100, Deduct	-3.64	
05 05 23 00-0073	EA		1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	43.10	1.67
			For >10 To 50, Deduct	-0.70	
			For >50 To 100, Deduct	-2.13	
			For >100, Deduct	-4.26	
05 05 23 00-0074	EA		1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	42.82	1.67
			For >10 To 50, Deduct	-0.70	
			For >50 To 100, Deduct	-2.12	
			For >100, Deduct	-4.24	
05 05 23 00-0075	EA		1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	45.68	1.79
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-2.26	
			For >100, Deduct	-4.51	
05 05 23 00-0076	EA		1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	53.80	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.54	
			For >100, Deduct	-5.08	
05 05 23 00-0077	EA		1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	62.62	2.04
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.84	
			For >100, Deduct	-5.68	
05 05 23 00-0078			A490 High Strength Structural Bolts (05 05 23 00-0001)		
			Note: Includes A490 heavy hex nut and two structural washers.		
05 05 23 00-0079			Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)		
05 05 23 00-0080	EA		5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	14.00	1.19
			For >10 To 50, Deduct	-0.50	
			For >50 To 100, Deduct	-1.10	
			For >100, Deduct	-2.20	
05 05 23 00-0081	EA		5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	20.23	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.36	
			For >100, Deduct	-2.72	
05 05 23 00-0082	EA		5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	21.70	1.43
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.44	
			For >100, Deduct	-2.87	
05 05 23 00-0083	EA		3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	15.97	1.19
			For >10 To 50, Deduct	-0.50	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.29	
05 05 23 00-0084	EA		3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	19.47	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.34	
			For >100, Deduct	-2.68	
05 05 23 00-0085	EA		3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	22.97	1.43
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.47	
			For >100, Deduct	-2.93	
05 05 23 00-0086	EA		3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	30.15	1.50
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.69	
			For >100, Deduct	-3.39	
05 05 23 00-0087	EA		7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	18.70	1.30
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.28	
			For >100, Deduct	-2.56	
05 05 23 00-0088	EA		7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	21.98	1.43
			For >10 To 50, Deduct	-0.59	
			For >50 To 100, Deduct	-1.44	
			For >100, Deduct	-2.88	
05 05 23 00-0089	EA		7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	32.76	1.50
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.76	
			For >100, Deduct	-3.52	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

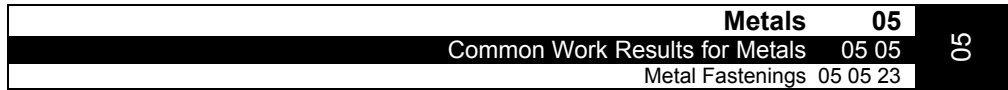
MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	22.33	1.35
		For >10 To 50, Deduct	-0.56	
		For >50 To 100, Deduct	-1.40	
		For >100, Deduct	-2.80	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	26.89	1.50
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.61	
		For >100, Deduct	-3.22	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	31.20	1.57
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.77	
		For >100, Deduct	-3.53	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	39.51	1.67
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-2.04	
		For >100, Deduct	-4.08	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	51.37	1.79
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-2.40	
		For >100, Deduct	-4.80	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	54.00	1.91
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-2.54	
		For >100, Deduct	-5.09	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	56.26	2.04
		For >10 To 50, Deduct	-0.85	
		For >50 To 100, Deduct	-2.68	
		For >100, Deduct	-5.36	
05 05 23 00-0097		Hex Head Bolts (05 05 23 00-0001)		
05 05 23 00-0098		Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0099		1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.96	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.99	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.07	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.11	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.37	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.91	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.21	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.35	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0112	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....7.55 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-0113	EA		1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.15 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-0114	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....8.45 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-0115	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.53 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-0116			5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0117	EA		5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.03 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-0118	EA		5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....6.06 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-0119	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.13 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-0120	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.18 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-0121	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.42 For >100 To 250, Deduct -1.20 For >250 To 500, Deduct -1.51 For >500, Deduct -1.81		
05 05 23 00-0122	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.55 For >100 To 250, Deduct -1.20 For >250 To 500, Deduct -1.51 For >500, Deduct -1.81		
05 05 23 00-0123	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.60 For >100 To 250, Deduct -1.20 For >250 To 500, Deduct -1.51 For >500, Deduct -1.81		
05 05 23 00-0124	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.89 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-0125	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.08 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-0126	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.15 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-0127	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.37 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-0128	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.44 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-0129	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.14 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-0130	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.65 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-0131	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.96 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-0132	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt .....9.24 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.12	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.15	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.24	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.74	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.23	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0150		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.49	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	



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05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0176	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.34	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0177	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.38	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0178	EA		1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.65	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0179	EA		1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.08	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0180	EA		1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.25	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0181	EA		1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.73	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0182	EA		1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.13	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0183	EA		1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.30	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0184	EA		1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.98	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0185	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.17	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0186			9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0187	EA		9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.40	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0188	EA		9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.61	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0189	EA		9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.66	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0190	EA		9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.54	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0191	EA		9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.82	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0192	EA		9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.92	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0193	EA		9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.13	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0194	EA		9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0195	EA		9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.43	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0196	EA		9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.65	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0197	EA		9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....9.72 For >100 To 250, Deduct -1.44 For >250 To 500, Deduct -1.80 For >500, Deduct -2.16		
05 05 23 00-0198	EA		9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....9.93 For >100 To 250, Deduct -1.44 For >250 To 500, Deduct -1.80 For >500, Deduct -2.16		
05 05 23 00-0199	EA		9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....10.33 For >100 To 250, Deduct -1.47 For >250 To 500, Deduct -1.84 For >500, Deduct -2.21		
05 05 23 00-0200	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....10.58 For >100 To 250, Deduct -1.47 For >250 To 500, Deduct -1.84 For >500, Deduct -2.21		
05 05 23 00-0201	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....10.84 For >100 To 250, Deduct -1.47 For >250 To 500, Deduct -1.84 For >500, Deduct -2.21		
05 05 23 00-0202	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....11.22 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0203	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....11.52 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0204	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....11.72 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0205	EA		9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....12.02 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0206			5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098).....8.71		
05 05 23 00-0207	EA		5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....8.71 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0208	EA		5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....8.85 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0209	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....9.04 For >100 To 250, Deduct -1.50 For >250 To 500, Deduct -1.88 For >500, Deduct -2.26		
05 05 23 00-0210	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....9.46 For >100 To 250, Deduct -1.54 For >250 To 500, Deduct -1.92 For >500, Deduct -2.31		
05 05 23 00-0211	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....9.74 For >100 To 250, Deduct -1.54 For >250 To 500, Deduct -1.92 For >500, Deduct -2.31		
05 05 23 00-0212	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....10.09 For >100 To 250, Deduct -1.54 For >250 To 500, Deduct -1.92 For >500, Deduct -2.31		
05 05 23 00-0213	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....10.69 For >100 To 250, Deduct -1.57 For >250 To 500, Deduct -1.96 For >500, Deduct -2.36		
05 05 23 00-0214	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....11.22 For >100 To 250, Deduct -1.57 For >250 To 500, Deduct -1.96 For >500, Deduct -2.36		
05 05 23 00-0215	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....11.63 For >100 To 250, Deduct -1.57 For >250 To 500, Deduct -1.96 For >500, Deduct -2.36		
05 05 23 00-0216	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....11.98 For >100 To 250, Deduct -1.60 For >250 To 500, Deduct -2.01 For >500, Deduct -2.41		
05 05 23 00-0217	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....12.03 For >100 To 250, Deduct -1.60 For >250 To 500, Deduct -2.01 For >500, Deduct -2.41		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.74	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.31	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.87	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.52	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.02	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.68	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.18	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0226		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.75	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.58	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.09	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.48	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.82	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.44	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0239	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.65	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0240	EA		3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.12	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0241	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.80	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0242	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.85	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0243	EA		3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.53	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0244	EA		3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.44	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0245	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.31	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0246			7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0247	EA		7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.55	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0248	EA		7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.79	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0249	EA		7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.91	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0250	EA		7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.42	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0251	EA		7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.09	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0252	EA		7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.86	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0253	EA		7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.67	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0254	EA		7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.80	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0255	EA		7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.43	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0256	EA		7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.09	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0257	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.47	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0258	EA		7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.36	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0259	EA		7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.42	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0260	EA		7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.33	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0261	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.22	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0262	EA		7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.22	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0263	EA		7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.17	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0264	EA		7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.03	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0265	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.97	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0266			1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0267	EA		1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.64	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0268	EA		1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.28	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0269	EA		1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.49	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0270	EA		1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.78	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0271	EA		1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.95	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0272	EA		1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.32	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0273	EA		1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.45	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0274	EA		1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.63	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0275	EA		1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.38	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0276	EA		1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.94	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0277	EA		1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.93	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0278	EA		1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.09	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0279	EA		1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.06	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0280	EA		1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.07	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0281	EA		1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.04	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0282	EA		1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.19	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0283	EA		1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.20	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0284	EA		1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.23	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0285			Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0286			1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0287	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.02	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0288	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.07	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0289	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.11	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0290	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.20	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0291	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.46	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0292	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.61	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0293	EA		1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.78	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0294	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.08	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0295	EA		1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.29	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0296	EA		1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.43	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0297	EA		1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.74	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0298	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.87	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0299	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.00	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0300	EA		1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.35	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0301	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.53	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0302	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.72	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0304	EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.12
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76
05 05 23 00-0305	EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.16
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76
05 05 23 00-0306	EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.22
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76
05 05 23 00-0307	EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.34
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76
05 05 23 00-0308	EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.59
	For >100 To 250, Deduct	-1.20
	For >250 To 500, Deduct	-1.51
	For >500, Deduct	-1.81
05 05 23 00-0309	EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.74
	For >100 To 250, Deduct	-1.20
	For >250 To 500, Deduct	-1.51
	For >500, Deduct	-1.81
05 05 23 00-0310	EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.00
	For >100 To 250, Deduct	-1.20
	For >250 To 500, Deduct	-1.51
	For >500, Deduct	-1.81
05 05 23 00-0311	EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.30
	For >100 To 250, Deduct	-1.24
	For >250 To 500, Deduct	-1.55
	For >500, Deduct	-1.86
05 05 23 00-0312	EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.50
	For >100 To 250, Deduct	-1.24
	For >250 To 500, Deduct	-1.55
	For >500, Deduct	-1.86
05 05 23 00-0313	EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.70
	For >100 To 250, Deduct	-1.24
	For >250 To 500, Deduct	-1.55
	For >500, Deduct	-1.86
05 05 23 00-0314	EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.23
	For >100 To 250, Deduct	-1.27
	For >250 To 500, Deduct	-1.59
	For >500, Deduct	-1.91
05 05 23 00-0315	EA 5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.30
	For >100 To 250, Deduct	-1.27
	For >250 To 500, Deduct	-1.59
	For >500, Deduct	-1.91
05 05 23 00-0316	EA 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.55
	For >100 To 250, Deduct	-1.27
	For >250 To 500, Deduct	-1.59
	For >500, Deduct	-1.91
05 05 23 00-0317	EA 5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.05
	For >100 To 250, Deduct	-1.30
	For >250 To 500, Deduct	-1.63
	For >500, Deduct	-1.96
05 05 23 00-0318	EA 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.40
	For >100 To 250, Deduct	-1.30
	For >250 To 500, Deduct	-1.63
	For >500, Deduct	-1.96
05 05 23 00-0319	EA 5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.73
	For >100 To 250, Deduct	-1.30
	For >250 To 500, Deduct	-1.63
	For >500, Deduct	-1.96
05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0321	EA 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.18
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76
05 05 23 00-0322	EA 3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.21
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76
05 05 23 00-0323	EA 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.32
	For >100 To 250, Deduct	-1.17
	For >250 To 500, Deduct	-1.46
	For >500, Deduct	-1.76



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.45 -1.17 -1.46 -1.76	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.75 -1.20 -1.51 -1.81	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.90 -1.20 -1.51 -1.81	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.12 -1.20 -1.51 -1.81	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.54 -1.24 -1.55 -1.86	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.07 -1.24 -1.55 -1.86	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.31 -1.24 -1.55 -1.86	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.79 -1.27 -1.59 -1.91	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.01 -1.27 -1.59 -1.91	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.41 -1.27 -1.59 -1.91	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.88 -1.30 -1.63 -1.96	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.41 -1.30 -1.63 -1.96	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.84 -1.30 -1.63 -1.96	
05 05 23 00-0337		7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.25 -1.34 -1.67 -2.00	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.36 -1.34 -1.67 -2.00	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.63 -1.34 -1.67 -2.00	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.01 -1.37 -1.71 -2.06	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.21 -1.37 -1.71 -2.06	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.40 -1.37 -1.71 -2.06	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.81 -1.40 -1.76 -2.11	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.85	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.56	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.17	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0353		1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.61	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.83	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.76	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.68	
		For >100 To 250, Deduct		-1.47	
		For >250 To 500, Deduct		-1.84	
		For >500, Deduct		-2.21	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	13.14	
		For >100 To 250, Deduct		-1.47	
		For >250 To 500, Deduct		-1.84	
		For >500, Deduct		-2.21	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	13.32	
		For >100 To 250, Deduct		-1.47	
		For >250 To 500, Deduct		-1.84	
		For >500, Deduct		-2.21	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	14.33	
		For >100 To 250, Deduct		-1.50	
		For >250 To 500, Deduct		-1.88	
		For >500, Deduct		-2.26	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	15.14	
		For >100 To 250, Deduct		-1.50	
		For >250 To 500, Deduct		-1.88	
		For >500, Deduct		-2.26	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	16.29	
		For >100 To 250, Deduct		-1.50	
		For >250 To 500, Deduct		-1.88	
		For >500, Deduct		-2.26	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	16.73	
		For >100 To 250, Deduct		-1.50	
		For >250 To 500, Deduct		-1.88	
		For >500, Deduct		-2.26	
05 05 23 00-0373		9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)	.....		
05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	7.84	
		For >100 To 250, Deduct		-1.34	
		For >250 To 500, Deduct		-1.67	
		For >500, Deduct		-2.00	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.11	
		For >100 To 250, Deduct		-1.34	
		For >250 To 500, Deduct		-1.67	
		For >500, Deduct		-2.00	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.35	
		For >100 To 250, Deduct		-1.34	
		For >250 To 500, Deduct		-1.67	
		For >500, Deduct		-2.00	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.78	
		For >100 To 250, Deduct		-1.37	
		For >250 To 500, Deduct		-1.71	
		For >500, Deduct		-2.06	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	9.11	
		For >100 To 250, Deduct		-1.37	
		For >250 To 500, Deduct		-1.71	
		For >500, Deduct		-2.06	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	9.49	
		For >100 To 250, Deduct		-1.37	
		For >250 To 500, Deduct		-1.71	
		For >500, Deduct		-2.06	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	10.08	
		For >100 To 250, Deduct		-1.40	
		For >250 To 500, Deduct		-1.76	
		For >500, Deduct		-2.11	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.52	
		For >100 To 250, Deduct		-1.40	
		For >250 To 500, Deduct		-1.76	
		For >500, Deduct		-2.11	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.90	
		For >100 To 250, Deduct		-1.40	
		For >250 To 500, Deduct		-1.76	
		For >500, Deduct		-2.11	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.48	
		For >100 To 250, Deduct		-1.44	
		For >250 To 500, Deduct		-1.80	
		For >500, Deduct		-2.16	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.88	
		For >100 To 250, Deduct		-1.44	
		For >250 To 500, Deduct		-1.80	
		For >500, Deduct		-2.16	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	14.21	
		For >100 To 250, Deduct		-1.44	
		For >250 To 500, Deduct		-1.80	
		For >500, Deduct		-2.16	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	16.02	
		For >100 To 250, Deduct		-1.47	
		For >250 To 500, Deduct		-1.84	
		For >500, Deduct		-2.21	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0387	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.57	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0388	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.49	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0389	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.51	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0390	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.85	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0391	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.18	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0392	EA		9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.00	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0393			5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0394	EA		5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.96	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0395	EA		5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.05	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0396	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.13	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0397	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.56	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0398	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.99	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0399	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.39	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0400	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.97	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-0401	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.74	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-0402	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.15	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-0403	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.54	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0404	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.20	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0405	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.26	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0406	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.38	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0407	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.25	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.38 -1.64 -2.05 -2.46	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.12 -1.67 -2.09 -2.51	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.29 -1.67 -2.09 -2.51	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	21.01 -1.67 -2.09 -2.51	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	21.61 -1.67 -2.09 -2.51	
05 05 23 00-0413		3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	9.94 -1.50 -1.88 -2.26	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	10.12 -1.50 -1.88 -2.26	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	10.21 -1.50 -1.88 -2.26	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	10.75 -1.54 -1.92 -2.31	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	11.19 -1.54 -1.92 -2.31	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	11.86 -1.54 -1.92 -2.31	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	12.47 -1.57 -1.96 -2.36	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	12.90 -1.57 -1.96 -2.36	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.81 -1.57 -1.96 -2.36	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.39 -1.60 -2.01 -2.41	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.13 -1.60 -2.01 -2.41	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.04 -1.60 -2.01 -2.41	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.50 -1.64 -2.05 -2.46	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.45 -1.64 -2.05 -2.46	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.98 -1.64 -2.05 -2.46	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0429	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.55	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0430	EA		3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.03	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0431	EA		3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.59	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0432	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.98	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0295)					
05 05 23 00-0434	EA		7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.01	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0435	EA		7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.23	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0436	EA		7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.52	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0437	EA		7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.99	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0438	EA		7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.87	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0439	EA		7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.46	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0440	EA		7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.06	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0441	EA		7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.10	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0442	EA		7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.88	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0443	EA		7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.43	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0444	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.08	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0445	EA		7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.88	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0446	EA		7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.05	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0447	EA		7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.27	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0448	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.35	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0449	EA		7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.29	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	26.48 -1.84 -2.30 -2.76	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	27.51 -1.84 -2.30 -2.76	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	28.54 -1.84 -2.30 -2.76	
05 05 23 00-0453		1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.97 -1.67 -2.09 -2.51	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.04 -1.67 -2.09 -2.51	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.87 -1.71 -2.13 -2.56	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	15.72 -1.71 -2.13 -2.56	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.35 -1.71 -2.13 -2.56	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	17.31 -1.74 -2.17 -2.61	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	18.31 -1.74 -2.17 -2.61	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	19.76 -1.74 -2.17 -2.61	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	20.97 -1.77 -2.22 -2.66	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	21.28 -1.77 -2.22 -2.66	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	23.30 -1.77 -2.22 -2.66	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	24.78 -1.81 -2.26 -2.71	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	26.94 -1.81 -2.26 -2.71	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	27.55 -1.81 -2.26 -2.71	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	34.63 -1.84 -2.30 -2.76	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	35.17 -1.84 -2.30 -2.76	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	36.65 -1.84 -2.30 -2.76	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	37.66	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0472		Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0473		1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.04	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.15	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.20	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.31	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.55	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.67	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.79	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.96	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.30	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.62	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.94	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.11	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.32	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.64	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.05	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.24	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0490		5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.13	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.20	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.40	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.44	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.72	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.01	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.10	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.44	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.63	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.06	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.47	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.63	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.88	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.22	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.41	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.77	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0507		3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.35	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.37	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.38	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.62	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.92	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.16	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0514	EA		3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.37	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0515	EA		3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.20	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0516	EA		3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.47	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0517	EA		3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.52	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0518	EA		3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.79	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0519	EA		3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.08	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0520	EA		3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.39	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0521	EA		3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.86	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0522	EA		3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.45	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0523	EA		3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.82	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0524			7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0525	EA		7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.40	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0526	EA		7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.44	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0527	EA		7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.81	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0528	EA		7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.01	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0529	EA		7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.42	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0530	EA		7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.65	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0531	EA		7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.86	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0532	EA		7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.78	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0533	EA		7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.50	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0534	EA		7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.15	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.40	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.77	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.50	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.72	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.81	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0540		1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.64	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.91	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.08	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.42	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.72	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.38	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.02	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.40	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.68	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.33	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.17	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.95	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.78	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.13	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.09	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.85	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.54	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.90	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.62	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0560		9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.89	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.05	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.43	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.14	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.27	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.82	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.35	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.14	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.48	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.93	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.71	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.62	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.22	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.44	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.04	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.31	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.47	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.88	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.65	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.14	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.41	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.75	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.63	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.02	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.60	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.02	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.88	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.10	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.09	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.50	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.41	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.34	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.49	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.29	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0596		3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.22	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.40	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.52	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.94	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.30	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.35	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.95	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.05	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.47	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.16	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.91	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.31	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.18	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.93	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.31	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.31	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.67	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.64	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	25.00	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472).....	13.59	
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.59	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.05	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.91	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.30	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.46	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.91	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.25	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.11	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.26	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.52	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.75	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.00	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	32.33	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.68	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.92	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	35.30	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	35.64	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	36.44	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0635		1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.91	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.06	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.75	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.62	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0640	EA		1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.24	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0641	EA		1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.83	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0642	EA		1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.23	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0643	EA		1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.09	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-0644	EA		1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.14	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0645	EA		1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.93	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0646	EA		1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.83	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-0647	EA		1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.60	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0648	EA		1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.01	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0649	EA		1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.77	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0650	EA		1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	37.28	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0651	EA		1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	38.56	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0652	EA		1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.91	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0653	EA		1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	43.97	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0654			Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0655			1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0656	EA		1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.18	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0657	EA		1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.20	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0658	EA		1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.22	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0659	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.46	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0660	EA		1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.75	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0661	EA		1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.89		
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0662	EA		1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.94		
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0663	EA		1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.13		
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0664	EA		1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.30		
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0665	EA		1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.34		
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0666	EA		1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.62		
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0667	EA		1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.76		
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0668	EA		1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.82		
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0669	EA		1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.12		
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0670	EA		1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....8.52		
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0671	EA		1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....9.02		
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-0672			5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0673	EA		5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.08		
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0674	EA		5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.53		
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0675	EA		5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.58		
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0676	EA		5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.60		
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0677	EA		5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....6.97		
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0678	EA		5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.41		
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0679	EA		5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.49		
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0680	EA		5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.78		
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0681	EA		5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....7.82		
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)				
05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.22	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.43	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.72	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.01	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.41	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.48	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.87	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.13 -1.30 -1.63 -1.96	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.17 -1.30 -1.63 -1.96	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.62 -1.30 -1.63 -1.96	
05 05 23 00-0706		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.74 -1.34 -1.67 -2.00	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.24 -1.34 -1.67 -2.00	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.63 -1.34 -1.67 -2.00	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.45 -1.37 -1.71 -2.06	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.47 -1.37 -1.71 -2.06	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.51 -1.37 -1.71 -2.06	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.00 -1.40 -1.76 -2.11	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.36 -1.40 -1.76 -2.11	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.68 -1.40 -1.76 -2.11	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.21 -1.44 -1.80 -2.16	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.59 -1.44 -1.80 -2.16	
05 05 23 00-0718		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.52 -1.34 -1.67 -2.00	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.68 -1.34 -1.67 -2.00	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.01 -1.34 -1.67 -2.00	
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.56 -1.37 -1.71 -2.06	
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.81 -1.37 -1.71 -2.06	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0724	EA		1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0725	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0726	EA		1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.70	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0727	EA		1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.07	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0728	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.41	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0729	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.83	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0730	EA		1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.87	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0731	EA		1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.12	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0732	EA		1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.22	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0733	EA		1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.54	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0734	EA		1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.20	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0735	EA		1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.45	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0736	EA		1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.50	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0737	EA		1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.65	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0738			5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0739	EA		5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.95	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0740	EA		5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.20	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0741	EA		5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.37	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0742	EA		5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.82	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0743	EA		5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.19	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0744	EA		5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.31	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.71	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.22	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.51	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.36	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.59	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.08	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.52	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.30	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.01	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.62	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.74	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0758		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.52	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.38	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.54	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.29	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0766	EA	3/4"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....13.91 For >100 To 250, Deduct .....-1.57 For >250 To 500, Deduct .....-1.96 For >500, Deduct .....-2.36		
05 05 23 00-0767	EA	3/4"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....14.07 For >100 To 250, Deduct .....-1.57 For >250 To 500, Deduct .....-1.96 For >500, Deduct .....-2.36		
05 05 23 00-0768	EA	3/4"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....14.35 For >100 To 250, Deduct .....-1.60 For >250 To 500, Deduct .....-2.01 For >500, Deduct .....-2.41		
05 05 23 00-0769	EA	3/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....15.33 For >100 To 250, Deduct .....-1.60 For >250 To 500, Deduct .....-2.01 For >500, Deduct .....-2.41		
05 05 23 00-0770	EA	3/4"	Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....15.75 For >100 To 250, Deduct .....-1.60 For >250 To 500, Deduct .....-2.01 For >500, Deduct .....-2.41		
05 05 23 00-0771	EA	3/4"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....16.72 For >100 To 250, Deduct .....-1.64 For >250 To 500, Deduct .....-2.05 For >500, Deduct .....-2.46		
05 05 23 00-0772	EA	3/4"	Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....16.85 For >100 To 250, Deduct .....-1.64 For >250 To 500, Deduct .....-2.05 For >500, Deduct .....-2.46		
05 05 23 00-0773	EA	3/4"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....17.25 For >100 To 250, Deduct .....-1.64 For >250 To 500, Deduct .....-2.05 For >500, Deduct .....-2.46		
05 05 23 00-0774	EA	3/4"	Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....18.01 For >100 To 250, Deduct .....-1.67 For >250 To 500, Deduct .....-2.09 For >500, Deduct .....-2.51		
05 05 23 00-0775	EA	3/4"	Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....18.44 For >100 To 250, Deduct .....-1.67 For >250 To 500, Deduct .....-2.09 For >500, Deduct .....-2.51		
05 05 23 00-0776	EA	3/4"	Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....18.68 For >100 To 250, Deduct .....-1.67 For >250 To 500, Deduct .....-2.09 For >500, Deduct .....-2.51		
05 05 23 00-0777	EA	3/4"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....18.80 For >100 To 250, Deduct .....-1.67 For >250 To 500, Deduct .....-2.09 For >500, Deduct .....-2.51		
05 05 23 00-0778			7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0779	EA	7/8"	Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....13.40 For >100 To 250, Deduct .....-1.67 For >250 To 500, Deduct .....-2.09 For >500, Deduct .....-2.51		
05 05 23 00-0780	EA	7/8"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....13.88 For >100 To 250, Deduct .....-1.67 For >250 To 500, Deduct .....-2.09 For >500, Deduct .....-2.51		
05 05 23 00-0781	EA	7/8"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....14.33 For >100 To 250, Deduct .....-1.71 For >250 To 500, Deduct .....-2.13 For >500, Deduct .....-2.56		
05 05 23 00-0782	EA	7/8"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....16.82 For >100 To 250, Deduct .....-1.71 For >250 To 500, Deduct .....-2.13 For >500, Deduct .....-2.56		
05 05 23 00-0783	EA	7/8"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....17.19 For >100 To 250, Deduct .....-1.71 For >250 To 500, Deduct .....-2.13 For >500, Deduct .....-2.56		
05 05 23 00-0784	EA	7/8"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....17.83 For >100 To 250, Deduct .....-1.74 For >250 To 500, Deduct .....-2.17 For >500, Deduct .....-2.61		
05 05 23 00-0785	EA	7/8"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....18.35 For >100 To 250, Deduct .....-1.74 For >250 To 500, Deduct .....-2.17 For >500, Deduct .....-2.61		
05 05 23 00-0786	EA	7/8"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....19.02 For >100 To 250, Deduct .....-1.74 For >250 To 500, Deduct .....-2.17 For >500, Deduct .....-2.61		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.65	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.17	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.29	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.03	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.99	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.22	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.64	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.18	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.84	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.47	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0797		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0854)		
05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.74	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.07	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.96	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.67	
		For >100 To 250, Deduct	-1.71	
		For >250 To 500, Deduct	-2.13	
		For >500, Deduct	-2.56	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.44	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.80	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.84	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.12	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.50	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.03	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0808	EA		1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.87	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0809	EA		1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.35	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0810	EA		1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.81	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-0811	EA		1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	30.41	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0812	EA		1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.80	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0813	EA		1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	32.51	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0814	EA		1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.84	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-0815			304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0816			1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0817	EA		1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.11	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0818	EA		1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.21	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0819	EA		1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.33	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0820	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.47	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-0821	EA		1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.77	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0822	EA		1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.97	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0823	EA		1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.21	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-0824	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.56	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0825	EA		1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.85	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0826	EA		1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.12	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-0827	EA		1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.50	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0828	EA		1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.94	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-0829	EA		1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.25	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0830 EA 1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.02 -1.30 -1.63 -1.96	
05 05 23 00-0831 EA 1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.27 -1.30 -1.63 -1.96	
05 05 23 00-0832 EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.86 -1.30 -1.63 -1.96	
05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0834 EA 5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	6.29 -1.17 -1.46 -1.76	
05 05 23 00-0835 EA 5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	6.38 -1.17 -1.46 -1.76	
05 05 23 00-0836 EA 5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	6.57 -1.17 -1.46 -1.76	
05 05 23 00-0837 EA 5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	6.73 -1.17 -1.46 -1.76	
05 05 23 00-0838 EA 5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	7.17 -1.20 -1.51 -1.81	
05 05 23 00-0839 EA 5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	7.27 -1.20 -1.51 -1.81	
05 05 23 00-0840 EA 5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	7.77 -1.20 -1.51 -1.81	
05 05 23 00-0841 EA 5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	8.28 -1.24 -1.55 -1.86	
05 05 23 00-0842 EA 5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	8.84 -1.24 -1.55 -1.86	
05 05 23 00-0843 EA 5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	9.12 -1.24 -1.55 -1.86	
05 05 23 00-0844 EA 5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	10.12 -1.27 -1.59 -1.91	
05 05 23 00-0845 EA 5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	11.51 -1.27 -1.59 -1.91	
05 05 23 00-0846 EA 5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.67 -1.27 -1.59 -1.91	
05 05 23 00-0847 EA 5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.96 -1.30 -1.63 -1.96	
05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0849 EA 3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	6.53 -1.17 -1.46 -1.76	
05 05 23 00-0850 EA 3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	6.64 -1.17 -1.46 -1.76	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.32	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.99	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.39	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.92	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.43	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.72	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.58	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.41	
		For >100 To 250, Deduct	-1.27	
		For >250 To 500, Deduct	-1.59	
		For >500, Deduct	-1.91	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.01	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.27	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.10	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-1.96	
05 05 23 00-0865		7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.33	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.94	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.98	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.95	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.57	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.20	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.93	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.66	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.90	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	17.27	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-0879		1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.39	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.39	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.72	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.54	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.02	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.95	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.50	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0893	EA		1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.05	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0894	EA		1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.92	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-0895	EA		1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.36	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0896	EA		1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	23.70	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0897	EA		1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.11	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0898	EA		1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	28.51	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0899			9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0915)		
05 05 23 00-0900	EA		9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.31	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0901	EA		9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.89	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0902	EA		9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.66	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-0903	EA		9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.39	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0904	EA		9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.37	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0905	EA		9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.09	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-0906	EA		9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.79	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0907	EA		9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.17	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0908	EA		9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	26.81	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0909	EA		9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.68	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0910	EA		9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	30.62	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-0911			5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0915)		
05 05 23 00-0912	EA		5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.50	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-0913	EA		5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.86	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.37 -1.50 -1.88 -2.26	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.79 -1.54 -1.92 -2.31	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.51 -1.54 -1.92 -2.31	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.54 -1.54 -1.92 -2.31	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	15.99 -1.57 -1.96 -2.36	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.00 -1.57 -1.96 -2.36	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	17.15 -1.57 -1.96 -2.36	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	17.98 -1.60 -2.01 -2.41	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	19.02 -1.60 -2.01 -2.41	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	22.82 -1.60 -2.01 -2.41	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	25.06 -1.64 -2.05 -2.46	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	26.78 -1.64 -2.05 -2.46	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	27.56 -1.64 -2.05 -2.46	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	30.90 -1.67 -2.09 -2.51	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	31.91 -1.67 -2.09 -2.51	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	36.43 -1.67 -2.09 -2.51	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	38.29 -1.67 -2.09 -2.51	
05 05 23 00-0931		3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.15 -1.50 -1.88 -2.26	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.86 -1.50 -1.88 -2.26	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.79 -1.50 -1.88 -2.26	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0935	EA		3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.97	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0936	EA		3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.00	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0937	EA		3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.73	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-0938	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.92	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-0939	EA		3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.52	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-0940	EA		3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	21.81	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-0941	EA		3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.31	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0942	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	24.81	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0943	EA		3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.63	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-0944	EA		3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	35.27	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0945	EA		3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.66	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0946	EA		3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	42.76	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0947	EA		3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.15	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0948	EA		3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	43.96	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0949	EA		3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.13	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0950	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	47.81	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0951			7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)	17.42	
05 05 23 00-0952	EA		7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.42	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0953	EA		7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	19.18	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-0954	EA		7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.70	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-0955	EA		7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.49	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0956 EA 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....23.08 For >100 To 250, Deduct -1.71 For >250 To 500, Deduct -2.13 For >500, Deduct -2.56		
05 05 23 00-0957 EA 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....24.71 For >100 To 250, Deduct -1.74 For >250 To 500, Deduct -2.17 For >500, Deduct -2.61		
05 05 23 00-0958 EA 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....25.27 For >100 To 250, Deduct -1.74 For >250 To 500, Deduct -2.17 For >500, Deduct -2.61		
05 05 23 00-0959 EA 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....29.17 For >100 To 250, Deduct -1.74 For >250 To 500, Deduct -2.17 For >500, Deduct -2.61		
05 05 23 00-0960 EA 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....29.92 For >100 To 250, Deduct -1.77 For >250 To 500, Deduct -2.22 For >500, Deduct -2.66		
05 05 23 00-0961 EA 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....31.42 For >100 To 250, Deduct -1.77 For >250 To 500, Deduct -2.22 For >500, Deduct -2.66		
05 05 23 00-0962 EA 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....39.67 For >100 To 250, Deduct -1.77 For >250 To 500, Deduct -2.22 For >500, Deduct -2.66		
05 05 23 00-0963 EA 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....43.00 For >100 To 250, Deduct -1.81 For >250 To 500, Deduct -2.26 For >500, Deduct -2.71		
05 05 23 00-0964 EA 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....46.70 For >100 To 250, Deduct -1.81 For >250 To 500, Deduct -2.26 For >500, Deduct -2.71		
05 05 23 00-0965 EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....49.69 For >100 To 250, Deduct -1.81 For >250 To 500, Deduct -2.26 For >500, Deduct -2.71		
05 05 23 00-0966 EA 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....58.90 For >100 To 250, Deduct -1.84 For >250 To 500, Deduct -2.30 For >500, Deduct -2.76		
05 05 23 00-0967 EA 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....66.15 For >100 To 250, Deduct -1.84 For >250 To 500, Deduct -2.30 For >500, Deduct -2.76		
05 05 23 00-0968 EA 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....69.51 For >100 To 250, Deduct -1.84 For >250 To 500, Deduct -2.30 For >500, Deduct -2.76		
05 05 23 00-0969 EA 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....72.85 For >100 To 250, Deduct -1.84 For >250 To 500, Deduct -2.30 For >500, Deduct -2.76		
05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0971 EA 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....21.69 For >100 To 250, Deduct -1.67 For >250 To 500, Deduct -2.09 For >500, Deduct -2.51		
05 05 23 00-0972 EA 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....22.98 For >100 To 250, Deduct -1.67 For >250 To 500, Deduct -2.09 For >500, Deduct -2.51		
05 05 23 00-0973 EA 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....25.07 For >100 To 250, Deduct -1.71 For >250 To 500, Deduct -2.13 For >500, Deduct -2.56		
05 05 23 00-0974 EA 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....26.69 For >100 To 250, Deduct -1.71 For >250 To 500, Deduct -2.13 For >500, Deduct -2.56		
05 05 23 00-0975 EA 1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....29.36 For >100 To 250, Deduct -1.71 For >250 To 500, Deduct -2.13 For >500, Deduct -2.56		
05 05 23 00-0976 EA 1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....32.51 For >100 To 250, Deduct -1.74 For >250 To 500, Deduct -2.17 For >500, Deduct -2.61		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.37	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	37.12	
		For >100 To 250, Deduct	-1.74	
		For >250 To 500, Deduct	-2.17	
		For >500, Deduct	-2.61	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.86	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	40.02	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.38	
		For >100 To 250, Deduct	-1.77	
		For >250 To 500, Deduct	-2.22	
		For >500, Deduct	-2.66	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	56.87	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.25	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	59.64	
		For >100 To 250, Deduct	-1.81	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-2.71	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.57	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	66.83	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	86.15	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	108.65	
		For >100 To 250, Deduct	-1.84	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-2.76	
05 05 23 00-0989		316 Stainless Steel, Hex Head Bolts (05 05 23 00-0997)		
05 05 23 00-0990		1/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-0991	EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	6.30	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0992	EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	6.50	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	6.65	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	6.75	
		For >100 To 250, Deduct	-1.17	
		For >250 To 500, Deduct	-1.46	
		For >500, Deduct	-1.76	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	7.21	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	7.48	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	7.74	
		For >100 To 250, Deduct	-1.20	
		For >250 To 500, Deduct	-1.51	
		For >500, Deduct	-1.81	
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....	8.12	
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-1.55	
		For >500, Deduct	-1.86	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0999	EA		4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....8.34 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-1000	EA		5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....8.44 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-1001	EA		5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....9.28 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-1002	EA		6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....9.46 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-1003	EA		6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....16.22 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-1004	EA		7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....24.59 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-1005	EA		7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....42.64 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-1006	EA		8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt.....46.76 For >100 To 250, Deduct -1.30 For >250 To 500, Deduct -1.63 For >500, Deduct -1.96		
05 05 23 00-1007			5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1008	EA		5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt.....6.58 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-1009	EA		5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....6.81 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-1010	EA		5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....7.19 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-1011	EA		5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....7.49 For >100 To 250, Deduct -1.17 For >250 To 500, Deduct -1.46 For >500, Deduct -1.76		
05 05 23 00-1012	EA		5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....7.78 For >100 To 250, Deduct -1.20 For >250 To 500, Deduct -1.51 For >500, Deduct -1.81		
05 05 23 00-1013	EA		5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....8.38 For >100 To 250, Deduct -1.20 For >250 To 500, Deduct -1.51 For >500, Deduct -1.81		
05 05 23 00-1014	EA		5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....8.79 For >100 To 250, Deduct -1.20 For >250 To 500, Deduct -1.51 For >500, Deduct -1.81		
05 05 23 00-1015	EA		5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....9.14 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-1016	EA		5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....10.03 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-1017	EA		5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....10.21 For >100 To 250, Deduct -1.24 For >250 To 500, Deduct -1.55 For >500, Deduct -1.86		
05 05 23 00-1018	EA		5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....11.00 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		
05 05 23 00-1019	EA		5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....11.69 For >100 To 250, Deduct -1.27 For >250 To 500, Deduct -1.59 For >500, Deduct -1.91		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1020	EA		5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	17.44	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-1021	EA		5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	25.79	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-1022			3/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1023	EA		3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	7.19	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-1024	EA		3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	7.28	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-1025	EA		3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	7.64	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-1026	EA		3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	8.50	
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.46	
			For >500, Deduct	-1.76	
05 05 23 00-1027	EA		3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	8.97	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-1028	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	9.13	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-1029	EA		3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	9.87	
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.51	
			For >500, Deduct	-1.81	
05 05 23 00-1030	EA		3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	10.16	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-1031	EA		3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	10.63	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-1032	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	10.95	
			For >100 To 250, Deduct	-1.24	
			For >250 To 500, Deduct	-1.55	
			For >500, Deduct	-1.86	
05 05 23 00-1033	EA		3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	12.15	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-1034	EA		3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	13.41	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-1035	EA		3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	13.46	
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.59	
			For >500, Deduct	-1.91	
05 05 23 00-1036	EA		3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	16.84	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-1037	EA		3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	22.05	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-1038	EA		3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	27.68	
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-1.96	
05 05 23 00-1039			7/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1040	EA		7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	9.45	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	11.01	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.05	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	13.02	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.61	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	16.31	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.59	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	17.17	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.73	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	18.14	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.56	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	19.06	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-1.84	
		For >500, Deduct	-2.21	
05 05 23 00-1053		1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	9.43	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.01	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	10.83	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.00	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.97	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	12.87	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.06	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	13.63	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.37	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1062	EA		1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	18.89	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-1063	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	19.32	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-1064	EA		1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	19.88	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-1065	EA		1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	24.23	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-1.80	
			For >500, Deduct	-2.16	
05 05 23 00-1066	EA		1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	27.31	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-1067	EA		1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	29.20	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-1068	EA		1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	32.32	
			For >100 To 250, Deduct	-1.47	
			For >250 To 500, Deduct	-1.84	
			For >500, Deduct	-2.21	
05 05 23 00-1069	EA		1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	40.73	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1070	EA		1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	46.05	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1071	EA		1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	46.93	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1072	EA		1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	48.29	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1073			9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1074	EA		9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	24.01	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-1075	EA		9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	25.93	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-1076	EA		9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	32.33	
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-1.67	
			For >500, Deduct	-2.00	
05 05 23 00-1077	EA		9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	36.09	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-1078	EA		9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	39.88	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-1079	EA		9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	43.66	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.06	
05 05 23 00-1080	EA		9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	46.19	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-1081	EA		9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	49.31	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-1082	EA		9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	52.08	
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.09	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	55.53	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-1.80	
		For >500, Deduct	-2.16	
05 05 23 00-1085		5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	13.23	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.40	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	13.45	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-1.88	
		For >500, Deduct	-2.26	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.72	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	15.84	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.41	
		For >100 To 250, Deduct	-1.54	
		For >250 To 500, Deduct	-1.92	
		For >500, Deduct	-2.31	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	20.32	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.44	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	24.52	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-1.96	
		For >500, Deduct	-2.36	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.74	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	27.63	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.09	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.01	
		For >500, Deduct	-2.41	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	35.23	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.92	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	38.47	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.94	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	43.10	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.41	
		For >100 To 250, Deduct	-1.67	
		For >250 To 500, Deduct	-2.09	
		For >500, Deduct	-2.51	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1104	EA		5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	64.44	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)					
05 05 23 00-1106	EA		3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	17.57	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1107	EA		3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	17.96	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1108	EA		3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	19.44	
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-1.88	
			For >500, Deduct	-2.26	
05 05 23 00-1109	EA		3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	20.92	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-1110	EA		3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	23.69	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-1111	EA		3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	25.30	
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-1.92	
			For >500, Deduct	-2.31	
05 05 23 00-1112	EA		3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	28.88	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-1113	EA		3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	30.30	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-1114	EA		3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	31.08	
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-1.96	
			For >500, Deduct	-2.36	
05 05 23 00-1115	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	32.29	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-1116	EA		3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	34.06	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-1117	EA		3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	39.52	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.01	
			For >500, Deduct	-2.41	
05 05 23 00-1118	EA		3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	47.60	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1119	EA		3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	53.75	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1120	EA		3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	54.68	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1121	EA		3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	58.54	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1122	EA		3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	67.88	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1123	EA		3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	68.67	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1124	EA		3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	70.64	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1125			7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1126	EA		7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.82	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1127	EA		7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	22.38	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1128	EA		7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.96	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-1129	EA		7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	27.55	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-1130	EA		7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.16	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-1131	EA		7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	30.74	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-1132	EA		7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.91	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-1133	EA		7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	37.81	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-1134	EA		7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.10	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-1135	EA		7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	39.73	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-1136	EA		7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.43	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-1137	EA		7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	59.64	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-1138	EA		7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	66.14	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-1139	EA		7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	69.35	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-1140	EA		7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.67	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1141	EA		7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	76.45	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1142	EA		7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	79.21	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1143	EA		7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	82.32	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1144			1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1145	EA		1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.46	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.09	
			For >500, Deduct	-2.51	
05 05 23 00-1146	EA		1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.59	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1147	EA		1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	32.24	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-1148	EA		1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	36.47	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-2.56	
05 05 23 00-1149	EA		1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	38.14	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-1150	EA		1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	41.01	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-1151	EA		1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	43.91	
			For >100 To 250, Deduct	-1.74	
			For >250 To 500, Deduct	-2.17	
			For >500, Deduct	-2.61	
05 05 23 00-1152	EA		1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	46.99	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-1153	EA		1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	54.48	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-1154	EA		1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	61.86	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.22	
			For >500, Deduct	-2.66	
05 05 23 00-1155	EA		1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	72.12	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-1156	EA		1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	80.61	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-1157	EA		1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	81.83	
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-2.26	
			For >500, Deduct	-2.71	
05 05 23 00-1158	EA		1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	84.76	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1159	EA		1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	85.92	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1160	EA		1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	100.01	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1161	EA		1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	113.61	
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-2.30	
			For >500, Deduct	-2.76	
05 05 23 00-1162	Screws	(05 05 23)			
05 05 23 00-1163	Teks® 5 Self Drilling Screws	(05 05 23 00-1162)			
			Note: Screws include Climaseal® finish, self-drill point and tapping threads.		
05 05 23 00-1164	EA		12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.11	
			For >10 To 50, Deduct	-0.14	
			For >50 To 100, Deduct	-0.29	
			For >100, Deduct	-0.57	
05 05 23 00-1165	EA		12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.23	
			For >10 To 50, Deduct	-0.14	
			For >50 To 100, Deduct	-0.29	
			For >100, Deduct	-0.58	
05 05 23 00-1166	EA		12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.59	
			For >10 To 50, Deduct	-0.15	
			For >50 To 100, Deduct	-0.31	
			For >100, Deduct	-0.63	
05 05 23 00-1167	EA		1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	4.90	
			For >10 To 50, Deduct	-0.19	
			For >50 To 100, Deduct	-0.40	
			For >100, Deduct	-0.80	
05 05 23 00-1168	EA		1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	5.22	
			For >10 To 50, Deduct	-0.20	
			For >50 To 100, Deduct	-0.42	
			For >100, Deduct	-0.85	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1169	EA	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	6.36	
		For >10 To 50, Deduct	-0.20	
		For >50 To 100, Deduct	-0.47	
		For >100, Deduct	-0.93	
05 05 23 00-1170	EA	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	7.08	
		For >10 To 50, Deduct	-0.21	
		For >50 To 100, Deduct	-0.50	
		For >100, Deduct	-0.99	
05 05 23 00-1171		Security Screws (05 05 23 00-1162)		
05 05 23 00-1172		304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)		
		Note: Includes "security" style drive in machine or sheet metal screw threads.		
05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.49	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.24	
		For >100, Deduct	-0.48	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.89	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.25	
		For >100, Deduct	-0.50	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.23	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.51	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.35	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.52	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.57	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.53	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.98	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.25	
		For >100, Deduct	-0.50	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.14	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.25	
		For >100, Deduct	-0.51	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.48	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.53	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.58	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.27	
		For >100, Deduct	-0.53	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.08	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.25	
		For >100, Deduct	-0.51	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.12	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.25	
		For >100, Deduct	-0.51	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.27	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.51	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.73	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.27	
		For >100, Deduct	-0.54	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.35	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.52	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.45	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.26	
		For >100, Deduct	-0.52	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.89	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.27	
		For >100, Deduct	-0.55	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.59	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.29	
		For >100, Deduct	-0.58	

05 05 23 00-1190

Threaded Rod (05 05 23)

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

washers.

05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	2.09	0.47
		For Left Hand Threaded Rod, Add	0.11	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	2.77	0.52
		For Left Hand Threaded Rod, Add	0.17	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	3.21	0.60
		For Left Hand Threaded Rod, Add	0.20	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	4.38	0.62
		For Left Hand Threaded Rod, Add	0.32	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	4.49	0.64
		For Left Hand Threaded Rod, Add	0.32	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	5.58	0.65
		For Left Hand Threaded Rod, Add	0.43	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	6.30	0.66
		For Left Hand Threaded Rod, Add	0.50	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	10.41	0.68
		For Left Hand Threaded Rod, Add	0.91	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	11.36	0.70
		For Left Hand Threaded Rod, Add	1.00	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	15.56	0.79
		For Left Hand Threaded Rod, Add	1.40	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	19.41	0.88
		For Left Hand Threaded Rod, Add	1.76	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	25.78	0.95
		For Left Hand Threaded Rod, Add	2.38	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	32.10	1.04
		For Left Hand Threaded Rod, Add	3.00	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	38.43	1.08
		For Left Hand Threaded Rod, Add	3.63	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	47.17	1.13
		For Left Hand Threaded Rod, Add	4.49	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	60.31	1.19
		For Left Hand Threaded Rod, Add	5.79	

05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	2.10	0.47
		For Left Hand Threaded Rod, Add	0.12	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	3.15	0.52
		For Left Hand Threaded Rod, Add	0.21	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	3.50	0.60
		For Left Hand Threaded Rod, Add	0.23	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	5.09	0.62
		For Left Hand Threaded Rod, Add	0.39	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	5.49	0.64
		For Left Hand Threaded Rod, Add	0.42	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	7.21	0.65
		For Left Hand Threaded Rod, Add	0.59	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	7.66	0.66
		For Left Hand Threaded Rod, Add	0.64	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	11.58	0.68
		For Left Hand Threaded Rod, Add	1.02	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	15.04	0.70
		For Left Hand Threaded Rod, Add	1.36	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	20.20	0.79
		For Left Hand Threaded Rod, Add	1.86	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	26.12	0.88
		For Left Hand Threaded Rod, Add	2.44	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	31.17	0.95
		For Left Hand Threaded Rod, Add	2.92	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	35.45	1.04
		For Left Hand Threaded Rod, Add	3.34	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	44.68	1.08
		For Left Hand Threaded Rod, Add	4.25	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	55.41	1.13
		For Left Hand Threaded Rod, Add	5.31	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	80.93	1.19
		For Left Hand Threaded Rod, Add	7.86	

05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	5.84	0.60
		For Left Hand Threaded Rod, Add	0.47	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	8.21	0.64
		For Left Hand Threaded Rod, Add	0.69	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	11.11	0.66
		For Left Hand Threaded Rod, Add	0.98	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	15.30	0.68
		For Left Hand Threaded Rod, Add	1.40	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	21.23	0.70
		For Left Hand Threaded Rod, Add	1.98	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	27.41	0.79
		For Left Hand Threaded Rod, Add	2.58	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	36.10	0.88
		For Left Hand Threaded Rod, Add	3.43	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	47.51	0.95
		For Left Hand Threaded Rod, Add	4.55	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	53.10	1.04
		For Left Hand Threaded Rod, Add	5.10	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	63.24	1.08
		For Left Hand Threaded Rod, Add	6.11	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	76.87	1.13
		For Left Hand Threaded Rod, Add	7.46	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	134.33	1.19
		For Left Hand Threaded Rod, Add	13.20	
05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod (05 05 23 00-1190)				
05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.04	0.47
		For Left Hand Threaded Rod, Add	0.21	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.63	0.52
		For Left Hand Threaded Rod, Add	0.36	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.97	0.60
		For Left Hand Threaded Rod, Add	0.48	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.34	0.62
		For Left Hand Threaded Rod, Add	0.71	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	10.03	0.64
		For Left Hand Threaded Rod, Add	0.88	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	14.47	0.65
		For Left Hand Threaded Rod, Add	1.32	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	15.10	0.66
		For Left Hand Threaded Rod, Add	1.38	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	21.21	0.68
		For Left Hand Threaded Rod, Add	1.99	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	29.22	0.70
		For Left Hand Threaded Rod, Add	2.78	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	37.50	0.79
		For Left Hand Threaded Rod, Add	3.59	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	79.55	0.95
		For Left Hand Threaded Rod, Add	7.76	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	121.20	1.08
		For Left Hand Threaded Rod, Add	11.90	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	124.67	1.13
		For Left Hand Threaded Rod, Add	12.24	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	172.59	1.19
		For Left Hand Threaded Rod, Add	17.02	
05 05 23 00-1253 316 Stainless Steel Threaded Rod (05 05 23 00-1190)				
05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	4.45	0.47
		For Left Hand Threaded Rod, Add	0.35	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	7.24	0.52
		For Left Hand Threaded Rod, Add	0.62	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	9.63	0.60
		For Left Hand Threaded Rod, Add	0.84	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	15.10	0.62
		For Left Hand Threaded Rod, Add	1.39	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	16.02	0.64
		For Left Hand Threaded Rod, Add	1.48	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	21.05	0.65
		For Left Hand Threaded Rod, Add	1.98	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	22.66	0.66
		For Left Hand Threaded Rod, Add	2.14	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	33.10	0.68
		For Left Hand Threaded Rod, Add	3.18	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	45.36	0.70
		For Left Hand Threaded Rod, Add	4.40	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	57.42	0.79
		For Left Hand Threaded Rod, Add	5.58	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	121.39	0.95
		For Left Hand Threaded Rod, Add	11.94	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	159.14	1.08
		For Left Hand Threaded Rod, Add	15.70	
05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)				
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	3.69	0.47
		For Zinc Plating, Add	1.37	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.75	0.52
		For Zinc Plating, Add	2.35	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.00	0.60
		For Zinc Plating, Add	2.41	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.56	0.62
		For Zinc Plating, Add	2.67	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1271 LF 1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	7.24	0.64
For Zinc Plating, Add	2.99	
05 05 23 00-1272 LF 9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	9.08	0.65
For Zinc Plating, Add	3.90	
05 05 23 00-1273 LF 5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	9.37	0.66
For Zinc Plating, Add	4.03	
05 05 23 00-1274 LF 3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	12.49	0.68
For Zinc Plating, Add	5.57	
05 05 23 00-1275 LF 7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	15.00	0.70
For Zinc Plating, Add	6.80	
05 05 23 00-1276 LF 1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	19.48	0.79
For Zinc Plating, Add	8.95	
05 05 23 00-1277 LF 1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	25.40	0.88
For Zinc Plating, Add	11.82	
05 05 23 00-1278 LF 1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	28.27	0.95
For Zinc Plating, Add	13.14	
05 05 23 00-1279 LF 1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	32.65	1.04
For Zinc Plating, Add	15.29	
05 05 23 00-1280 LF 1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	39.74	1.08
For Zinc Plating, Add	18.79	
05 05 23 00-1281 LF 1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	41.09	1.13
For Zinc Plating, Add	19.41	
05 05 23 00-1282 LF 2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	55.23	1.19
For Zinc Plating, Add	26.43	

05 05 23 00-1283 Nuts And Washers (05 05 23)**05 05 23 00-1284 Hex Nuts (05 05 23 00-1283)****05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)**

05 05 23 00-1286 EA 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.53	0.23
05 05 23 00-1287 EA 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.59	0.23
05 05 23 00-1288 EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.63	0.23
05 05 23 00-1289 EA 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.76	0.23
05 05 23 00-1290 EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.84	0.23
05 05 23 00-1291 EA 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.14	0.23
05 05 23 00-1292 EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.19	0.23
05 05 23 00-1293 EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.42	0.46
05 05 23 00-1294 EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.16	0.46
05 05 23 00-1295 EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.77	0.46
05 05 23 00-1296 EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	4.62	0.46
05 05 23 00-1297 EA 1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.67	0.46
05 05 23 00-1298 EA 1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	8.46	0.46
05 05 23 00-1299 EA 1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	9.83	0.70
05 05 23 00-1300 EA 1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	14.54	0.70
05 05 23 00-1301 EA 2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	21.12	0.70

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)

05 05 23 00-1303 EA 1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.55	0.23
05 05 23 00-1304 EA 5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.60	0.23
05 05 23 00-1305 EA 3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.66	0.23
05 05 23 00-1306 EA 7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.80	0.23
05 05 23 00-1307 EA 1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.95	0.23
05 05 23 00-1308 EA 9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.18	0.23
05 05 23 00-1309 EA 5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.21	0.23
05 05 23 00-1310 EA 3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.63	0.46
05 05 23 00-1311 EA 7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	2.37	0.46
05 05 23 00-1312 EA 1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	3.39	0.46
05 05 23 00-1313 EA 1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	5.24	0.46
05 05 23 00-1314 EA 1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	7.49	0.46
05 05 23 00-1315 EA 1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	11.10	0.46
05 05 23 00-1316 EA 1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	12.28	0.70
05 05 23 00-1317 EA 1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	22.36	0.70
05 05 23 00-1318 EA 2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	32.16	0.70

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)

05 05 23 00-1320 EA 1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.56	0.23
05 05 23 00-1321 EA 5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.66	0.23
05 05 23 00-1322 EA 3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.72	0.23
05 05 23 00-1323 EA 7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.93	0.23
05 05 23 00-1324 EA 1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.14	0.23
05 05 23 00-1325 EA 9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.39	0.23
05 05 23 00-1326 EA 5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.60	0.23
05 05 23 00-1327 EA 3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	2.01	0.46
05 05 23 00-1328 EA 7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	3.10	0.46
05 05 23 00-1329 EA 1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	4.16	0.46
05 05 23 00-1330 EA 1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	6.60	0.46
05 05 23 00-1331 EA 1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	8.27	0.46
05 05 23 00-1332 EA 1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	13.77	0.46



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	14.62	0.70
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	22.43	0.70
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	31.80	0.70
05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)				
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.56	0.23
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.64	0.23
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.69	0.23
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.91	0.23
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.06	0.23
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.19	0.23
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.33	0.23
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.82	0.46
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.72	0.46
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.79	0.46
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	6.38	0.46
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	8.22	0.46
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	12.31	0.46
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.40	0.70
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	25.29	0.70
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	43.94	0.70
05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)				
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.63	0.23
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.75	0.23
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	0.85	0.23
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.31	0.23
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.43	0.23
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	2.21	0.23
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	2.48	0.23
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	2.86	0.46
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	4.76	0.46
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	7.34	0.46
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	17.78	0.46
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	34.30	0.70
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	60.44	0.70
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	86.21	0.70
05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)				
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.75	0.23
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	0.86	0.23
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.03	0.23
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.76	0.23
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	1.89	0.23
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	2.60	0.23
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	2.95	0.23
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	4.15	0.46
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	5.82	0.46
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	9.02	0.46
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	27.66	0.46
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	44.84	0.70
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	75.79	0.70
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	141.05	0.70
05 05 23 00-1383 Flat Washers (05 05 23 00-1283)				
05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)				
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.05	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.08	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.14	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.21	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.30	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.34	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.58	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.83	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.99	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.21	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.37	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.64	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.57	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.64	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.90	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.85	
05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)				

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.18
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.24
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.28
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.38
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.52
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.83
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.19
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.68
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	2.80
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.10
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	4.52
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	4.93
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	6.50
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	7.43
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	9.99
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	11.99

05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.12
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.17
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.19
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.35
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.45
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.73
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.82
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.24
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.75
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.92
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.93
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.26
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	4.66
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	5.05
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	7.33

05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.13
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.17
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.25
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.46
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.83
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.04
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.53
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.55
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	3.27
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	4.15
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	4.83
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	5.20
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	5.49
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	6.70
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	8.32
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	16.35

05 05 23 00-1451 316 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.25
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.28
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.49
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.58
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	1.08
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	1.94
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	2.29
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	2.88
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	4.46
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer.....	4.99
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	5.69
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	7.00
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	7.40
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	7.57
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	11.09

05 05 23 00-1467 Lock Washers (05 05 23 00-1283)**05 05 23 00-1468 Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)**

05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.02
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.04
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.05
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.08
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.12



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.19	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.22	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.33	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.55	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	0.99	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	1.45	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	2.23	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	3.52	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	4.14	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	7.39	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....	8.33	
05 05 23 00-1485 Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1467)				
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.09	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.11	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.14	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.16	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.25	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.32	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.38	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.64	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	0.92	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	1.45	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	2.62	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	3.13	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	4.52	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	5.17	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	7.00	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer.....	9.53	
05 05 23 00-1502 304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)				
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.11	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.15	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.21	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.40	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	0.44	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	1.07	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	1.26	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	1.47	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	2.66	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	3.76	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	6.56	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	8.72	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	11.09	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer.....	13.31	
05 05 23 00-1517 316 Stainless Steel Lock Washers (05 05 23 00-1467)				
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.13	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.29	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.34	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.58	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer.....	0.64	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer.....	1.14	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer.....	1.25	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer.....	2.16	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer.....	3.58	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer.....	4.87	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer.....	6.79	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer.....	10.46	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer.....	18.72	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer.....	20.79	
05 05 23 00-1532 Load Indicating Washers (05 05 23 00-1283)				
05 05 23 00-1533 A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)				
05 05 23 00-1534 Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)				
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	2.41	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	2.73	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	2.94	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.34	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	4.04	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	6.72	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	8.67	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	11.07	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1543 EA 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	12.18	
05 05 23 00-1544 Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)		
05 05 23 00-1545 EA 1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.05	
05 05 23 00-1546 EA 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.40	
05 05 23 00-1547 EA 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.30	
05 05 23 00-1548 EA 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	4.04	
05 05 23 00-1549 EA 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	4.78	
05 05 23 00-1550 EA 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	7.21	
05 05 23 00-1551 EA 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	9.07	
05 05 23 00-1552 EA 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	12.91	
05 05 23 00-1553 EA 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	14.20	
05 05 23 00-1554 Beveled Washers (05 05 23 00-1283)		
05 05 23 00-1555 Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)		
05 05 23 00-1556 EA 1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	3.98	
05 05 23 00-1557 EA 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	4.06	
05 05 23 00-1558 EA 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	4.16	
05 05 23 00-1559 EA 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	5.05	
05 05 23 00-1560 EA 1", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	5.32	
05 05 23 00-1561 Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)		
05 05 23 00-1562 EA 1/2", Galvanized, Square Beveled Structural Washer (ASTM F436).....	5.73	
05 05 23 00-1563 EA 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....	5.98	
05 05 23 00-1564 EA 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436).....	5.98	
05 05 23 00-1565 EA 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....	6.33	
05 05 23 00-1566 EA 1", Galvanized, Square Beveled Structural Washer (ASTM F436).....	6.73	
05 05 23 00-1567 Drilling In Steel Plates (05 05 23)		
05 05 23 00-1568 EA Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate.....	19.71	
For Aluminum, Deduct	-1.97	
For Stainless Steel, Add	2.46	
For >5 To 10, Deduct	-1.97	
For >10 To 25, Deduct	-4.93	
For >25 To 50, Deduct	-6.90	
For >50, Deduct	-9.86	
05 05 23 00-1569 EA >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate.....	23.19	
For Aluminum, Deduct	-2.32	
For Stainless Steel, Add	2.90	
For >5 To 10, Deduct	-2.32	
For >10 To 25, Deduct	-5.80	
For >25 To 50, Deduct	-8.12	
For >50, Deduct	-11.60	
05 05 23 00-1570 EA >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate.....	27.82	
For Aluminum, Deduct	-2.78	
For Stainless Steel, Add	3.48	
For >5 To 10, Deduct	-2.78	
For >10 To 25, Deduct	-6.96	
For >25 To 50, Deduct	-9.74	
For >50, Deduct	-13.91	
05 05 23 00-1571 EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....	32.46	
For Aluminum, Deduct	-3.25	
For Stainless Steel, Add	4.06	
For >5 To 10, Deduct	-3.25	
For >10 To 25, Deduct	-8.12	
For >25 To 50, Deduct	-11.36	
For >50, Deduct	-16.23	
05 05 23 00-1572 EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....	43.47	
For Aluminum, Deduct	-4.35	
For Stainless Steel, Add	5.43	
For >5 To 10, Deduct	-4.35	
For >10 To 25, Deduct	-10.87	
For >25 To 50, Deduct	-15.21	
For >50, Deduct	-21.74	
05 05 23 00-1573 EA Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	23.19	
For Aluminum, Deduct	-2.32	
For Stainless Steel, Add	2.90	
For >5 To 10, Deduct	-2.32	
For >10 To 25, Deduct	-5.80	
For >25 To 50, Deduct	-8.12	
For >50, Deduct	-11.60	
05 05 23 00-1574 EA >1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	28.98	
For Aluminum, Deduct	-2.90	
For Stainless Steel, Add	3.62	
For >5 To 10, Deduct	-2.90	
For >10 To 25, Deduct	-7.25	
For >25 To 50, Deduct	-10.14	
For >50, Deduct	-14.49	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	34.78	
		For Aluminum, Deduct	-3.48	
		For Stainless Steel, Add	4.35	
		For >5 To 10, Deduct	-3.48	
		For >10 To 25, Deduct	-8.70	
		For >25 To 50, Deduct	-12.17	
		For >50, Deduct	-17.39	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	43.47	
		For Aluminum, Deduct	-4.35	
		For Stainless Steel, Add	5.43	
		For >5 To 10, Deduct	-4.35	
		For >10 To 25, Deduct	-10.87	
		For >25 To 50, Deduct	-15.21	
		For >50, Deduct	-21.74	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	28.98	
		For Aluminum, Deduct	-2.90	
		For Stainless Steel, Add	3.62	
		For >5 To 10, Deduct	-2.90	
		For >10 To 25, Deduct	-7.25	
		For >25 To 50, Deduct	-10.14	
		For >50, Deduct	-14.49	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	38.25	
		For Aluminum, Deduct	-3.83	
		For Stainless Steel, Add	4.78	
		For >5 To 10, Deduct	-3.83	
		For >10 To 25, Deduct	-9.56	
		For >25 To 50, Deduct	-13.39	
		For >50, Deduct	-19.13	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	46.37	
		For Aluminum, Deduct	-4.64	
		For Stainless Steel, Add	5.80	
		For >5 To 10, Deduct	-4.64	
		For >10 To 25, Deduct	-11.59	
		For >25 To 50, Deduct	-16.23	
		For >50, Deduct	-23.19	
05 05 23 00-1580		Welded Stud Anchors (05 05 23)		
05 05 23 00-1581	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	3.50	
05 05 23 00-1582	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	3.57	
05 05 23 00-1583	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	3.60	
05 05 23 00-1584	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	3.63	
05 05 23 00-1585	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	3.48	
05 05 23 00-1586	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	3.65	
05 05 23 00-1587	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	3.82	
05 05 23 00-1588	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	3.91	
05 05 23 00-1589	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.00	
05 05 23 00-1590	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.36	
05 05 23 00-1591	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.65	
05 05 23 00-1592	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.89	
05 05 23 00-1593	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	4.23	
05 05 23 00-1594	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	4.25	
05 05 23 00-1595	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	4.52	
05 05 23 00-1596	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	4.78	
05 05 23 00-1597	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.09	
05 05 23 00-1598	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.57	
05 05 23 00-1599	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.89	
05 05 23 00-1600	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.74	
05 05 23 00-1601	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.36	
05 05 23 00-1602	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	5.95	
05 05 23 00-1603	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	6.36	
05 05 23 00-1604	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	6.69	
05 05 23 00-1605	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.03	
05 05 23 00-1606	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.30	
05 05 23 00-1607	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.55	
05 05 23 00-1608	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.88	
05 05 23 00-1609	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.27	
05 05 23 00-1610	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	11.18	
05 05 23 00-1611		Welded Shear Stud Connector (05 05 23)		
05 05 23 00-1612		3/4" Diameter Welded Shear Stud Connector (05 05 23 00-1611)		
05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	7.58	
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	7.87	
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	7.95	
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	7.99	
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	8.32	
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	8.93	
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	14.79	
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	9.63	
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	10.70	
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	14.16	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	14.49	
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	15.66	
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	20.57	
05 05 23 00-1626		7/8" Diameter Welded Shear Stud Connector (05 05 23 00-1611)		
05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	9.04	
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector.....	9.51	
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	9.98	
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	11.32	
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	14.88	
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	16.30	
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	17.71	
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	21.64	
05 05 23 00-1635		1" Diameter Welded Shear Stud Connector (05 05 23 00-1611)		
05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector.....	12.10	
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector.....	13.54	
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector.....	15.67	
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector.....	20.20	
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector.....	22.42	
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector.....	24.65	
05 10 Structural Metal Framing (05)				
05 12 Structural Steel Framing (05 10)				
05 12 23 Structural Steel for Buildings (05 12)				
See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.				
05 12 23 00-0001		Rolled Steel Members (05 12 23)		
Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.				
05 12 23 00-0002		Beams, Girders And Columns (05 12 23 00-0001)		
Note: For one and two story I beams and W shapes and HP shapes.				
05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns.....	7,403.29	1,141.53
		For ASTM A242 Type 2 High Strength Steel, Add	403.34	
		For Hot Dip Galvanizing, Add	1,411.68	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns.....	4,924.96	737.92
		For ASTM A242 Type 2 High Strength Steel, Add	331.02	
		For Hot Dip Galvanizing, Add	1,158.57	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns.....	4,116.24	415.13
		For ASTM A242 Type 2 High Strength Steel, Add	293.88	
		For Hot Dip Galvanizing, Add	1,028.56	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns.....	2,747.39	220.96
		For ASTM A242 Type 2 High Strength Steel, Add	200.90	
		For Hot Dip Galvanizing, Add	703.14	
05 12 23 00-0007		Trusses, Built-Up (05 12 23 00-0001)		
05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members.....	5,223.69	776.34
		For ASTM A242 Type 2 High Strength Steel, Add	351.68	
		For Hot Dip Galvanizing, Add	1,230.89	
05 12 23 00-0009		Shapes (05 12 23 00-0001)		
05 12 23 00-0010		Rolled Shape Steel Angles (05 12 23 00-0009)		
05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles.....	10,817.77	2,122.11
		For ASTM A242 Type 2 High Strength Steel, Add	582.47	
		For Hot Dip Galvanizing, Add	2,038.66	
05 12 23 00-0012	TON	>10 To 20 LB/LF Rolled Shape Steel Angles.....	9,326.54	1,245.37
		For ASTM A242 Type 2 High Strength Steel, Add	557.20	
		For Hot Dip Galvanizing, Add	1,950.19	
05 12 23 00-0013	TON	>20 To 58 LB/LF Rolled Shape Steel Angles.....	6,914.04	737.92
		For ASTM A242 Type 2 High Strength Steel, Add	490.16	
		For Hot Dip Galvanizing, Add	1,715.55	
05 12 23 00-0014		Rolled C, MC Steel Channels (05 12 23 00-0009)		
05 12 23 00-0015	TON	Up To 10 LB/LF Rolled C, MC Steel Channels.....	12,036.94	2,905.87
		For ASTM A242 Type 2 High Strength Steel, Add	573.68	
		For Hot Dip Galvanizing, Add	2,007.89	
05 12 23 00-0016	TON	>10 To 20 Rolled C, MC Steel Channels.....	9,230.38	2,214.00
		For ASTM A242 Type 2 High Strength Steel, Add	549.50	
		For Hot Dip Galvanizing, Add	1,923.26	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0017	TON	>20 To 58 LB/LF Rolled C, MC Steel Channels..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	6,804.14 481.36 1,684.78	737.92
05 12 23 00-0018 Double L Shape Steel Angles (05 12 23 00-0009)				
05 12 23 00-0019	TON	Up To 20 LB/LF Double L Shape Steel Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	9,953.55 560.49 1,961.73	1,683.74
05 12 23 00-0020	TON	>20 To 50 LB/LF Double L Shape Steel Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	7,381.12 527.52 1,846.33	737.92
05 12 23 00-0021	TON	>50 To 80 LB/LF Double L Shape Steel Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,525.70 406.63 1,423.21	415.13
05 12 23 00-0022	TON	>80 To 115 LB/LF Double L Shape Steel Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	3,532.81 263.76 923.17	221.29
05 12 23 00-0023 Structural WT, MT, ST Tee Shapes (05 12 23 00-0001)				
05 12 23 00-0024	TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	8,955.63 527.52 1,846.33	1,245.37
05 12 23 00-0025	TON	>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,828.89 403.34 1,411.67	737.92
05 12 23 00-0026	TON	>65 To 100 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4,564.07 329.70 1,153.96	415.13
05 12 23 00-0027	TON	>100 To 365 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	3,340.85 248.38 869.31	220.96
05 12 23 00-0028 Combination Section Shapes (05 12 23 00-0001)				
05 12 23 00-0029 Combination Section, W Shapes And Angles (05 12 23 00-0028)				
05 12 23 00-0030	TON	Up To 30 LB/LF Combination Section - W Shapes And Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	8,529.76 493.45 1,727.09	1,245.37
05 12 23 00-0031	TON	>30-65 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,870.11 406.63 1,423.21	737.92
05 12 23 00-0032	TON	>65-100 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4,220.63 302.23 1,057.79	415.13
05 12 23 00-0033	TON	>100-300 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	3,615.24 270.36 946.25	220.96
05 12 23 00-0034	TON	>300-500 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	3,099.13 238.48 834.70	110.92
05 12 23 00-0035 Combination Section, S Shapes And Angles (05 12 23 00-0028)				
05 12 23 00-0036	TON	>30-65 LB/LF Combination Section - S Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,650.30 389.05 1,361.67	737.92
05 12 23 00-0037	TON	>65-100 LB/LF Combination Section - S Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4,234.37 303.33 1,061.64	415.13
05 12 23 00-0038 Combination Section, Channels And Angles (05 12 23 00-0028)				
05 12 23 00-0039	TON	Up To 30 LB/LF Combination Section - Channels And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	8,955.63 527.52 1,846.33	1,245.37
05 12 23 00-0040	TON	>30-65 LB/LF Combination Section - Channels And Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	6,144.86 428.61 1,500.14	737.92
05 12 23 00-0041	TON	>65-100 LB/LF Combination Section - Channels And Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4,330.53 311.02 1,088.56	415.13
05 12 23 00-0042 Standard Weight Pipe (05 12 23 00-0001)				
05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4,994.60 342.89 1,200.11	664.19
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,364.05 358.28 1,253.97	830.25

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0045	Structural Steel Shapes (05 12 23)		
	Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.		
05 12 23 00-0046	Steel Rods (05 12 23 00-0045)		
05 12 23 00-0047	TON 1/2" To 5" Diameter Extra Strong Steel, Solid.....	5,334.16	518.96
	For ASTM A242 Type 2 High Strength Steel, Add	382.45	
	For Hot Dip Galvanizing, Add	1,388.59	
05 12 23 00-0048	TON >5" To 12" Diameter Extra Strong Steel, Solid.....	6,144.86	737.92
	For ASTM A242 Type 2 High Strength Steel, Add	428.61	
	For Hot Dip Galvanizing, Add	1,500.14	
05 12 23 00-0049	Column Base Plates (05 12 23 00-0045)		
05 12 23 00-0050	LB Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items.....	2.77	0.67
	For ASTM A242 Type 2 High Strength Steel, Add	0.16	
	For Hot Dip Galvanizing, Add	0.58	
05 12 23 00-0051	LB Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items.....	2.60	0.57
	For ASTM A242 Type 2 High Strength Steel, Add	0.16	
	For Hot Dip Galvanizing, Add	0.55	
05 12 23 00-0052	TON Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items.....	4,884.01	594.80
	For ASTM A242 Type 2 High Strength Steel, Add	339.96	
	For Hot Dip Galvanizing, Add	1,189.87	
05 12 23 00-0053	TON Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items.....	3,454.33	356.88
	For ASTM A242 Type 2 High Strength Steel, Add	245.89	
	For Hot Dip Galvanizing, Add	860.62	
05 12 23 00-0054	Double Extra Strong Pipes (05 12 23 00-0045)		
05 12 23 00-0055	TON 2" To 5" Diameter Double Extra Strong Pipe.....	6,479.67	948.81
	For ASTM A242 Type 2 High Strength Steel, Add	437.40	
	For Hot Dip Galvanizing, Add	1,530.92	
05 12 23 00-0056	TON >5" To 8" Diameter Double Extra Strong Pipe.....	6,012.55	510.88
	For ASTM A242 Type 2 High Strength Steel, Add	437.40	
	For Hot Dip Galvanizing, Add	1,530.92	
05 12 23 00-0057	Structural Pipes (05 12 23 00-0045)		
05 12 23 00-0058	TON 3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	4,521.00	438.37
	For ASTM A242 Type 2 High Strength Steel, Add	307.72	
	For Hot Dip Galvanizing, Add	1,077.03	
05 12 23 00-0059	TON >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	4,961.88	505.56
	For ASTM A242 Type 2 High Strength Steel, Add	307.72	
	For Hot Dip Galvanizing, Add	1,077.03	
05 12 23 00-0060	Structural Tubing (05 12 23 00-0045)		
05 12 23 00-0061	Rectangle Structural Tubing (05 12 23 00-0060)		
05 12 23 00-0062	TON 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle.....	7,341.11	442.80
	For ASTM A242 Type 2 High Strength Steel, Add	549.50	
	For Hot Dip Galvanizing, Add	1,923.26	
05 12 23 00-0063	TON 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle.....	7,413.78	510.88
	For ASTM A242 Type 2 High Strength Steel, Add	549.50	
	For Hot Dip Galvanizing, Add	1,923.26	
05 12 23 00-0064	TON 5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle.....	6,497.55	553.49
	For ASTM A242 Type 2 High Strength Steel, Add	472.57	
	For Hot Dip Galvanizing, Add	1,654.00	
05 12 23 00-0065	TON 6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle.....	6,203.51	664.19
	For ASTM A242 Type 2 High Strength Steel, Add	439.60	
	For Hot Dip Galvanizing, Add	1,538.61	
05 12 23 00-0066	TON 7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle.....	5,870.10	737.92
	For ASTM A242 Type 2 High Strength Steel, Add	406.63	
	For Hot Dip Galvanizing, Add	1,423.21	
05 12 23 00-0067	TON 8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle.....	6,172.20	1,021.21
	For ASTM A242 Type 2 High Strength Steel, Add	406.63	
	For Hot Dip Galvanizing, Add	1,423.21	
05 12 23 00-0068	TON 10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle.....	6,632.79	1,349.99
	For ASTM A242 Type 2 High Strength Steel, Add	415.42	
	For Hot Dip Galvanizing, Add	1,453.98	
05 12 23 00-0069	TON 12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle.....	6,820.76	1,474.63
	For ASTM A242 Type 2 High Strength Steel, Add	419.82	
	For Hot Dip Galvanizing, Add	1,469.37	
05 12 23 00-0070	TON 14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle.....	7,018.95	1,660.49
	For ASTM A242 Type 2 High Strength Steel, Add	419.82	
	For Hot Dip Galvanizing, Add	1,469.37	
05 12 23 00-0071	TON 16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle.....	8,913.80	3,488.47
	For ASTM A242 Type 2 High Strength Steel, Add	415.42	
	For Hot Dip Galvanizing, Add	1,453.98	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0072	TON	18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	7,417.02 404.43 1,415.52	2,214.00
05 12 23 00-0073	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	10,763.28 426.41 1,492.45	5,093.62
05 12 23 00-0074 Square Structural Tubing (05 12 23 00-0060)				
05 12 23 00-0075	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	7,311.59 549.50 1,923.26	415.13
05 12 23 00-0076	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	7,341.11 549.50 1,923.26	442.80
05 12 23 00-0077	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	6,634.92 483.56 1,692.47	553.49
05 12 23 00-0078	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	6,615.64 472.57 1,654.00	664.19
05 12 23 00-0079	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,391.53 360.47 1,261.66	830.25
05 12 23 00-0080	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,518.04 360.47 1,261.66	948.81
05 12 23 00-0081	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	5,922.89 360.47 1,261.66	1,328.40
05 12 23 00-0082	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	6,359.54 367.07 1,284.74	1,660.49
05 12 23 00-0083	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	7,691.77 426.41 1,492.45	2,214.00
05 12 23 00-0084	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	8,872.56 426.41 1,492.45	3,320.98
05 12 23 00-0085	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	8,746.08 367.07 1,284.74	3,897.84
05 12 23 00-0086	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	10,653.38 417.62 1,461.68	5,093.62
05 12 23 00-0087	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	12,414.95 426.41 1,492.45	6,641.97
05 12 23 00-0088 Structural Shapes (05 12 23 00-0045)				
05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >20 To 50 LB/LF, Deduct For >50 To 75 LB/LF, Deduct For >75 To 100 LB/LF, Deduct	7,094.55 265.44 929.04 -898.28 -1,441.84 -1,985.39	2,379.23
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel..... Note: Up to 21.5 LB per SF For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >21.5 To 50 LB/LF, Deduct	5,661.67 351.69 1,230.91 -629.44	951.69
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF).....	3.28	0.21
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports.....	3.96	0.21
05 12 23 00-0093 Built-Up Trusses (05 12 23 00-0045)				
05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up.....	5,945.42	332.10
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up.....	5,842.93	184.42
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up.....	5,187.09	97.64
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up.....	5,043.93	92.33
05 12 23 00-0098 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps (05 12 23 00-0045)				
Note: Includes shop fabrication, welds, drilling and shop primer.				
05 12 23 00-0099	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	21.20	6.85
05 12 23 00-0100	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	31.80	10.25
05 12 23 00-0101	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	42.40	13.67
05 12 23 00-0102	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	53.00	17.07
05 12 23 00-0103	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	63.60	20.39
05 12 23 00-0104	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	74.20	23.91
05 12 23 00-0105	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	84.80	27.32
05 12 23 00-0106	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	95.40	30.74
05 12 23 00-0107	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	106.01	34.15

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0108	SF		1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	116.60	37.57
05 12 23 00-0109	SF		1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	127.21	40.99
05 12 23 00-0110	SF		1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	137.80	44.41
05 12 23 00-0111	SF		1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	148.42	47.81
05 12 23 00-0112	SF		1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	159.01	51.23
05 12 23 00-0113	SF		2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	169.62	54.64
05 12 23 00-0114			Accessories For Steel (05 12 23)		
05 12 23 00-0115			Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0114)		
05 12 23 00-0116	SF		Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	0.96	
05 12 23 00-0117			Connection And Stiffener Plates (05 12 23 00-0114)		
			Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0118	TON		1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	12,691.16	
05 12 23 00-0119	TON		3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	10,828.04	
05 12 23 00-0120	TON		1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	8,373.55	
05 12 23 00-0121	TON		5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	8,373.55	
05 12 23 00-0122	TON		3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	8,373.55	
05 12 23 00-0123	TON		1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	8,373.55	
05 12 23 00-0124	TON		9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	8,373.55	
05 12 23 00-0125	TON		5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	8,373.55	
05 12 23 00-0126	TON		3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	7,850.20	
05 12 23 00-0127	TON		7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	7,850.20	
05 12 23 00-0128	TON		1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	7,850.20	
05 12 23 00-0129			Field Applied Cold Galvanizing (05 12 23 00-0114)		
05 12 23 00-0130	SF		Brush Applied Cold Galvanizing	1.51	
05 12 23 00-0131			Metal Grinding (05 12 23 00-0114)		
			Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05 12 23 00-0132	SI		Metal Grinding Up To 1/32" Thickness To Be Removed	0.84	
			Note: Includes rust or scale removal on metal and smoothing surface.		
05 12 23 00-0133			Structural Steel For Buildings And Structures (05 12 23)		
			Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.		
05 12 23 00-0134			First Tier A992/A36 Structural Steel Columns, W Shapes (05 12 23 00-0133)		
			Note: With base plate. Includes material delivery and erection.		
05 12 23 00-0135	LF		W14 x 730 A992/A36 Structural Column	1,203.66	65.99
			For Hot Dip Galvanizing, Add	314.50	
			For High Strength Low Alloy A572-50 Steel, Add	108.33	
			For High Strength Low Alloy A588 Grade B Steel, Add	240.73	
05 12 23 00-0136	LF		W14 x 665 A992/A36 Structural Column	1,097.98	61.51
			For Hot Dip Galvanizing, Add	286.49	
			For High Strength Low Alloy A572-50 Steel, Add	98.82	
			For High Strength Low Alloy A588 Grade B Steel, Add	219.60	
05 12 23 00-0137	LF		W14 x 605 A992/A36 Structural Column	1,000.31	57.25
			For Hot Dip Galvanizing, Add	260.64	
			For High Strength Low Alloy A572-50 Steel, Add	90.03	
			For High Strength Low Alloy A588 Grade B Steel, Add	200.06	
05 12 23 00-0138	LF		W14 x 550 A992/A36 Structural Column	910.65	53.26
			For Hot Dip Galvanizing, Add	236.95	
			For High Strength Low Alloy A572-50 Steel, Add	81.96	
			For High Strength Low Alloy A588 Grade B Steel, Add	182.13	
05 12 23 00-0139	LF		W14 x 500 A992/A36 Structural Column	837.68	57.57
			For Hot Dip Galvanizing, Add	215.41	
			For High Strength Low Alloy A572-50 Steel, Add	75.39	
			For High Strength Low Alloy A588 Grade B Steel, Add	167.54	
05 12 23 00-0140	LF		W14 x 426 A992/A36 Structural Column	714.92	50.25
			For Hot Dip Galvanizing, Add	183.53	
			For High Strength Low Alloy A572-50 Steel, Add	64.34	
			For High Strength Low Alloy A588 Grade B Steel, Add	142.98	
05 12 23 00-0141	LF		W14 x 342 A992/A36 Structural Column	578.62	43.51
			For Hot Dip Galvanizing, Add	147.71	
			For High Strength Low Alloy A572-50 Steel, Add	52.08	
			For High Strength Low Alloy A588 Grade B Steel, Add	115.72	
05 12 23 00-0142	LF		W14 x 311 A992/A36 Structural Column	521.43	40.63
			For Hot Dip Galvanizing, Add	132.67	
			For High Strength Low Alloy A572-50 Steel, Add	46.93	
			For High Strength Low Alloy A588 Grade B Steel, Add	104.29	
05 12 23 00-0143	LF		W14 x 283 A992/A36 Structural Column	473.54	38.30
			For Hot Dip Galvanizing, Add	120.09	
			For High Strength Low Alloy A572-50 Steel, Add	42.62	
			For High Strength Low Alloy A588 Grade B Steel, Add	94.71	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0144	LF	W14 x 257 A992/A36 Structural Column.....	416.72	36.31
		For Hot Dip Galvanizing, Add	104.90	
		For High Strength Low Alloy A572-50 Steel, Add	37.50	
		For High Strength Low Alloy A588 Grade B Steel, Add	83.34	
05 12 23 00-0145	LF	W14 x 233 A992/A36 Structural Column.....	383.56	33.76
		For Hot Dip Galvanizing, Add	96.45	
		For High Strength Low Alloy A572-50 Steel, Add	34.52	
		For High Strength Low Alloy A588 Grade B Steel, Add	76.71	
05 12 23 00-0146	LF	W14 x 211 A992/A36 Structural Column.....	341.42	31.44
		For Hot Dip Galvanizing, Add	85.44	
		For High Strength Low Alloy A572-50 Steel, Add	30.73	
		For High Strength Low Alloy A588 Grade B Steel, Add	68.28	
05 12 23 00-0147	LF	W14 x 193 A992/A36 Structural Column.....	309.07	29.89
		For Hot Dip Galvanizing, Add	76.92	
		For High Strength Low Alloy A572-50 Steel, Add	27.82	
		For High Strength Low Alloy A588 Grade B Steel, Add	61.81	
05 12 23 00-0148	LF	W14 x 176 A992/A36 Structural Column.....	278.87	28.56
		For Hot Dip Galvanizing, Add	68.94	
		For High Strength Low Alloy A572-50 Steel, Add	25.10	
		For High Strength Low Alloy A588 Grade B Steel, Add	55.77	
05 12 23 00-0149	LF	W14 x 159 A992/A36 Structural Column.....	252.45	27.57
		For Hot Dip Galvanizing, Add	61.91	
		For High Strength Low Alloy A572-50 Steel, Add	22.72	
		For High Strength Low Alloy A588 Grade B Steel, Add	50.49	
05 12 23 00-0150	LF	W14 x 145 A992/A36 Structural Column.....	243.98	26.68
		For Hot Dip Galvanizing, Add	59.81	
		For High Strength Low Alloy A572-50 Steel, Add	21.96	
		For High Strength Low Alloy A588 Grade B Steel, Add	48.80	
05 12 23 00-0151	LF	W14 x 132 A992/A36 Structural Column.....	209.13	25.47
		For Hot Dip Galvanizing, Add	50.51	
		For High Strength Low Alloy A572-50 Steel, Add	18.82	
		For High Strength Low Alloy A588 Grade B Steel, Add	41.83	
05 12 23 00-0152	LF	W14 x 120 A992/A36 Structural Column.....	196.27	24.80
		For Hot Dip Galvanizing, Add	47.12	
		For High Strength Low Alloy A572-50 Steel, Add	17.66	
		For High Strength Low Alloy A588 Grade B Steel, Add	39.25	
05 12 23 00-0153	LF	W14 x 109 A992/A36 Structural Column.....	176.03	23.80
		For Hot Dip Galvanizing, Add	41.81	
		For High Strength Low Alloy A572-50 Steel, Add	15.84	
		For High Strength Low Alloy A588 Grade B Steel, Add	35.21	
05 12 23 00-0154	LF	W14 x 99 A992/A36 Structural Column.....	160.86	23.13
		For Hot Dip Galvanizing, Add	37.82	
		For High Strength Low Alloy A572-50 Steel, Add	14.48	
		For High Strength Low Alloy A588 Grade B Steel, Add	32.17	
05 12 23 00-0155	LF	W14 x 90 A992/A36 Structural Column.....	149.64	22.59
		For Hot Dip Galvanizing, Add	34.86	
		For High Strength Low Alloy A572-50 Steel, Add	13.47	
		For High Strength Low Alloy A588 Grade B Steel, Add	29.93	
05 12 23 00-0156	LF	W14 x 82 A992/A36 Structural Column.....	138.06	21.92
		For Hot Dip Galvanizing, Add	31.83	
		For High Strength Low Alloy A572-50 Steel, Add	12.43	
		For High Strength Low Alloy A588 Grade B Steel, Add	27.61	
05 12 23 00-0157	LF	W14 x 74 A992/A36 Structural Column.....	124.94	21.36
		For Hot Dip Galvanizing, Add	28.37	
		For High Strength Low Alloy A572-50 Steel, Add	11.24	
		For High Strength Low Alloy A588 Grade B Steel, Add	24.99	
05 12 23 00-0158	LF	W14 x 68 A992/A36 Structural Column.....	116.91	21.03
		For Hot Dip Galvanizing, Add	26.23	
		For High Strength Low Alloy A572-50 Steel, Add	10.52	
		For High Strength Low Alloy A588 Grade B Steel, Add	23.38	
05 12 23 00-0159	LF	W14 x 61 A992/A36 Structural Column.....	106.84	20.48
		For Hot Dip Galvanizing, Add	23.60	
		For High Strength Low Alloy A572-50 Steel, Add	9.62	
		For High Strength Low Alloy A588 Grade B Steel, Add	21.37	
05 12 23 00-0160	LF	W14 x 53 A992/A36 Structural Column.....	97.55	19.93
		For Hot Dip Galvanizing, Add	21.17	
		For High Strength Low Alloy A572-50 Steel, Add	8.78	
		For High Strength Low Alloy A588 Grade B Steel, Add	19.51	
05 12 23 00-0161	LF	W14 x 48 A992/A36 Structural Column.....	91.57	19.60
		For Hot Dip Galvanizing, Add	19.61	
		For High Strength Low Alloy A572-50 Steel, Add	8.24	
		For High Strength Low Alloy A588 Grade B Steel, Add	18.31	
05 12 23 00-0162	LF	W14 x 43 A992/A36 Structural Column.....	82.91	19.26
		For Hot Dip Galvanizing, Add	17.32	
		For High Strength Low Alloy A572-50 Steel, Add	7.46	
		For High Strength Low Alloy A588 Grade B Steel, Add	16.58	
05 12 23 00-0163	LF	W12 x 336 A992/A36 Structural Column.....	548.76	29.39
		For Hot Dip Galvanizing, Add	143.59	
		For High Strength Low Alloy A572-50 Steel, Add	49.39	
		For High Strength Low Alloy A588 Grade B Steel, Add	109.75	
05 12 23 00-0164	LF	W12 x 305 A992/A36 Structural Column.....	500.41	28.80
		For Hot Dip Galvanizing, Add	130.34	
		For High Strength Low Alloy A572-50 Steel, Add	45.04	
		For High Strength Low Alloy A588 Grade B Steel, Add	100.08	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0165	LF		W12 x 279 A992/A36 Structural Column.....	459.99	28.46
			For Hot Dip Galvanizing, Add	119.23	
			For High Strength Low Alloy A572-50 Steel, Add	41.40	
			For High Strength Low Alloy A588 Grade B Steel, Add	92.00	
05 12 23 00-0166	LF		W12 x 252 A992/A36 Structural Column.....	417.66	27.75
			For Hot Dip Galvanizing, Add	107.69	
			For High Strength Low Alloy A572-50 Steel, Add	37.59	
			For High Strength Low Alloy A588 Grade B Steel, Add	83.53	
05 12 23 00-0167	LF		W12 x 230 A992/A36 Structural Column.....	383.35	27.34
			For Hot Dip Galvanizing, Add	98.29	
			For High Strength Low Alloy A572-50 Steel, Add	34.50	
			For High Strength Low Alloy A588 Grade B Steel, Add	76.67	
05 12 23 00-0168	LF		W12 x 210 A992/A36 Structural Column.....	352.14	26.96
			For Hot Dip Galvanizing, Add	89.74	
			For High Strength Low Alloy A572-50 Steel, Add	31.69	
			For High Strength Low Alloy A588 Grade B Steel, Add	70.43	
05 12 23 00-0169	LF		W12 x 190 A992/A36 Structural Column.....	325.26	30.56
			For Hot Dip Galvanizing, Add	81.20	
			For High Strength Low Alloy A572-50 Steel, Add	29.27	
			For High Strength Low Alloy A588 Grade B Steel, Add	65.05	
05 12 23 00-0170	LF		W12 x 170 A992/A36 Structural Column.....	294.27	29.67
			For Hot Dip Galvanizing, Add	72.90	
			For High Strength Low Alloy A572-50 Steel, Add	26.48	
			For High Strength Low Alloy A588 Grade B Steel, Add	58.85	
05 12 23 00-0171	LF		W12 x 152 A992/A36 Structural Column.....	265.42	27.57
			For Hot Dip Galvanizing, Add	65.51	
			For High Strength Low Alloy A572-50 Steel, Add	23.89	
			For High Strength Low Alloy A588 Grade B Steel, Add	53.08	
05 12 23 00-0172	LF		W12 x 136 A992/A36 Structural Column.....	252.44	26.79
			For Hot Dip Galvanizing, Add	62.13	
			For High Strength Low Alloy A572-50 Steel, Add	22.72	
			For High Strength Low Alloy A588 Grade B Steel, Add	50.49	
05 12 23 00-0173	LF		W12 x 120 A992/A36 Structural Column.....	191.92	24.58
			For Hot Dip Galvanizing, Add	45.95	
			For High Strength Low Alloy A572-50 Steel, Add	17.27	
			For High Strength Low Alloy A588 Grade B Steel, Add	38.38	
05 12 23 00-0174	LF		W12 x 106 A992/A36 Structural Column.....	177.06	23.80
			For Hot Dip Galvanizing, Add	42.10	
			For High Strength Low Alloy A572-50 Steel, Add	15.94	
			For High Strength Low Alloy A588 Grade B Steel, Add	35.41	
05 12 23 00-0175	LF		W12 x 96 A992/A36 Structural Column.....	158.70	23.02
			For Hot Dip Galvanizing, Add	37.25	
			For High Strength Low Alloy A572-50 Steel, Add	14.28	
			For High Strength Low Alloy A588 Grade B Steel, Add	31.74	
05 12 23 00-0176	LF		W12 x 87 A992/A36 Structural Column.....	146.59	22.25
			For Hot Dip Galvanizing, Add	34.07	
			For High Strength Low Alloy A572-50 Steel, Add	13.19	
			For High Strength Low Alloy A588 Grade B Steel, Add	29.32	
05 12 23 00-0177	LF		W12 x 79 A992/A36 Structural Column.....	128.99	21.59
			For Hot Dip Galvanizing, Add	29.41	
			For High Strength Low Alloy A572-50 Steel, Add	11.61	
			For High Strength Low Alloy A588 Grade B Steel, Add	25.80	
05 12 23 00-0178	LF		W12 x 72 A992/A36 Structural Column.....	118.30	21.03
			For Hot Dip Galvanizing, Add	26.59	
			For High Strength Low Alloy A572-50 Steel, Add	10.65	
			For High Strength Low Alloy A588 Grade B Steel, Add	23.66	
05 12 23 00-0179	LF		W12 x 65 A992/A36 Structural Column.....	108.36	20.59
			For Hot Dip Galvanizing, Add	23.99	
			For High Strength Low Alloy A572-50 Steel, Add	9.75	
			For High Strength Low Alloy A588 Grade B Steel, Add	21.67	
05 12 23 00-0180	LF		W12 x 58 A992/A36 Structural Column.....	104.93	20.36
			For Hot Dip Galvanizing, Add	23.10	
			For High Strength Low Alloy A572-50 Steel, Add	9.44	
			For High Strength Low Alloy A588 Grade B Steel, Add	20.99	
05 12 23 00-0181	LF		W12 x 53 A992/A36 Structural Column.....	97.55	19.93
			For Hot Dip Galvanizing, Add	21.17	
			For High Strength Low Alloy A572-50 Steel, Add	8.78	
			For High Strength Low Alloy A588 Grade B Steel, Add	19.51	
05 12 23 00-0182	LF		W12 x 50 A992/A36 Structural Column.....	94.61	19.82
			For Hot Dip Galvanizing, Add	20.39	
			For High Strength Low Alloy A572-50 Steel, Add	8.51	
			For High Strength Low Alloy A588 Grade B Steel, Add	18.92	
05 12 23 00-0183	LF		W12 x 45 A992/A36 Structural Column.....	86.21	19.37
			For Hot Dip Galvanizing, Add	18.18	
			For High Strength Low Alloy A572-50 Steel, Add	7.76	
			For High Strength Low Alloy A588 Grade B Steel, Add	17.24	
05 12 23 00-0184	LF		W12 x 40 A992/A36 Structural Column.....	77.54	18.93
			For Hot Dip Galvanizing, Add	15.90	
			For High Strength Low Alloy A572-50 Steel, Add	6.98	
			For High Strength Low Alloy A588 Grade B Steel, Add	15.51	
05 12 23 00-0185	LF		W10 x 112 A992/A36 Structural Column.....	185.06	24.24
			For Hot Dip Galvanizing, Add	44.20	
			For High Strength Low Alloy A572-50 Steel, Add	16.66	
			For High Strength Low Alloy A588 Grade B Steel, Add	37.01	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0186	LF	W10 x 110 A992/A36 Structural Column.....	167.63	23.24
		For Hot Dip Galvanizing, Add	39.64	
		For High Strength Low Alloy A572-50 Steel, Add	15.09	
		For High Strength Low Alloy A588 Grade B Steel, Add	33.53	
05 12 23 00-0187	LF	W10 x 88 A992/A36 Structural Column.....	150.94	22.48
		For Hot Dip Galvanizing, Add	35.25	
		For High Strength Low Alloy A572-50 Steel, Add	13.58	
		For High Strength Low Alloy A588 Grade B Steel, Add	30.19	
05 12 23 00-0188	LF	W10 x 77 A992/A36 Structural Column.....	134.51	21.59
		For Hot Dip Galvanizing, Add	30.94	
		For High Strength Low Alloy A572-50 Steel, Add	12.11	
		For High Strength Low Alloy A588 Grade B Steel, Add	26.90	
05 12 23 00-0189	LF	W10 x 68 A992/A36 Structural Column.....	121.40	21.03
		For Hot Dip Galvanizing, Add	27.48	
		For High Strength Low Alloy A572-50 Steel, Add	10.93	
		For High Strength Low Alloy A588 Grade B Steel, Add	24.28	
05 12 23 00-0190	LF	W10 x 60 A992/A36 Structural Column.....	106.84	20.48
		For Hot Dip Galvanizing, Add	23.60	
		For High Strength Low Alloy A572-50 Steel, Add	9.62	
		For High Strength Low Alloy A588 Grade B Steel, Add	21.37	
05 12 23 00-0191	LF	W10 x 54 A992/A36 Structural Column.....	106.11	20.15
		For Hot Dip Galvanizing, Add	23.45	
		For High Strength Low Alloy A572-50 Steel, Add	9.55	
		For High Strength Low Alloy A588 Grade B Steel, Add	21.22	
05 12 23 00-0192	LF	W10 x 49 A992/A36 Structural Column.....	93.47	19.82
		For Hot Dip Galvanizing, Add	20.10	
		For High Strength Low Alloy A572-50 Steel, Add	8.41	
		For High Strength Low Alloy A588 Grade B Steel, Add	18.69	
05 12 23 00-0193	LF	W10 x 45 A992/A36 Structural Column.....	90.30	19.49
		For Hot Dip Galvanizing, Add	19.28	
		For High Strength Low Alloy A572-50 Steel, Add	8.13	
		For High Strength Low Alloy A588 Grade B Steel, Add	18.06	
05 12 23 00-0194	LF	W10 x 39 A992/A36 Structural Column.....	78.94	19.15
		For Hot Dip Galvanizing, Add	16.25	
		For High Strength Low Alloy A572-50 Steel, Add	7.10	
		For High Strength Low Alloy A588 Grade B Steel, Add	15.79	
05 12 23 00-0195	LF	W10 x 33 A992/A36 Structural Column.....	69.14	18.60
		For Hot Dip Galvanizing, Add	13.69	
		For High Strength Low Alloy A572-50 Steel, Add	6.22	
		For High Strength Low Alloy A588 Grade B Steel, Add	13.83	
05 12 23 00-0196	LF	W8 x 67 A992/A36 Structural Column.....	117.04	21.03
		For Hot Dip Galvanizing, Add	26.27	
		For High Strength Low Alloy A572-50 Steel, Add	10.53	
		For High Strength Low Alloy A588 Grade B Steel, Add	23.41	
05 12 23 00-0197	LF	W8 x 58 A992/A36 Structural Column.....	105.32	20.36
		For Hot Dip Galvanizing, Add	23.20	
		For High Strength Low Alloy A572-50 Steel, Add	9.48	
		For High Strength Low Alloy A588 Grade B Steel, Add	21.06	
05 12 23 00-0198	LF	W8 x 48 A992/A36 Structural Column.....	94.50	19.82
		For Hot Dip Galvanizing, Add	20.39	
		For High Strength Low Alloy A572-50 Steel, Add	8.51	
		For High Strength Low Alloy A588 Grade B Steel, Add	18.90	
05 12 23 00-0199	LF	W8 x 40 A992/A36 Structural Column.....	81.49	19.26
		For Hot Dip Galvanizing, Add	16.93	
		For High Strength Low Alloy A572-50 Steel, Add	7.33	
		For High Strength Low Alloy A588 Grade B Steel, Add	16.30	
05 12 23 00-0200	LF	W8 x 35 A992/A36 Structural Column.....	73.86	18.82
		For Hot Dip Galvanizing, Add	14.94	
		For High Strength Low Alloy A572-50 Steel, Add	6.65	
		For High Strength Low Alloy A588 Grade B Steel, Add	14.77	
05 12 23 00-0201	LF	W8 x 31 A992/A36 Structural Column.....	67.73	18.60
		For Hot Dip Galvanizing, Add	13.30	
		For High Strength Low Alloy A572-50 Steel, Add	6.10	
		For High Strength Low Alloy A588 Grade B Steel, Add	13.55	
05 12 23 00-0202	LF	W8 x 28 A992/A36 Structural Column.....	63.91	18.37
		For Hot Dip Galvanizing, Add	12.30	
		For High Strength Low Alloy A572-50 Steel, Add	5.75	
		For High Strength Low Alloy A588 Grade B Steel, Add	12.78	
05 12 23 00-0203	LF	W8 x 24 A992/A36 Structural Column.....	59.33	18.15
		For Hot Dip Galvanizing, Add	11.09	
		For High Strength Low Alloy A572-50 Steel, Add	5.34	
		For High Strength Low Alloy A588 Grade B Steel, Add	11.87	
05 12 23 00-0204	LF	W8 x 21 A992/A36 Structural Column.....	56.27	18.04
		For Hot Dip Galvanizing, Add	10.30	
		For High Strength Low Alloy A572-50 Steel, Add	5.06	
		For High Strength Low Alloy A588 Grade B Steel, Add	11.25	
05 12 23 00-0205	LF	W8 x 18 A992/A36 Structural Column.....	50.53	17.71
		For Hot Dip Galvanizing, Add	8.77	
		For High Strength Low Alloy A572-50 Steel, Add	4.55	
		For High Strength Low Alloy A588 Grade B Steel, Add	10.11	
05 12 23 00-0206	LF	W6 x 25 A992/A36 Structural Column.....	62.14	18.15
		For Hot Dip Galvanizing, Add	11.87	
		For High Strength Low Alloy A572-50 Steel, Add	5.59	
		For High Strength Low Alloy A588 Grade B Steel, Add	12.43	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0207	LF		W6 x 20 A992/A36 Structural Column.....	52.95	17.82
			For Hot Dip Galvanizing, Add	9.41	
			For High Strength Low Alloy A572-50 Steel, Add	4.77	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.59	
05 12 23 00-0208	LF		W6 x 15 A992/A36 Structural Column.....	45.72	17.27
			For Hot Dip Galvanizing, Add	7.56	
			For High Strength Low Alloy A572-50 Steel, Add	4.11	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.14	
05 12 23 00-0209	LF		W6 x 12 A992/A36 Structural Column.....	43.02	17.27
			For Hot Dip Galvanizing, Add	6.81	
			For High Strength Low Alloy A572-50 Steel, Add	3.87	
			For High Strength Low Alloy A588 Grade B Steel, Add	8.60	
05 12 23 00-0210	LF		W6 x 9 A992/A36 Structural Column.....	39.56	17.16
			For Hot Dip Galvanizing, Add	5.88	
			For High Strength Low Alloy A572-50 Steel, Add	3.56	
			For High Strength Low Alloy A588 Grade B Steel, Add	7.91	
05 12 23 00-0211	LF		W5 x 19 A992/A36 Structural Column.....	52.18	17.82
			For Hot Dip Galvanizing, Add	9.20	
			For High Strength Low Alloy A572-50 Steel, Add	4.70	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.44	
05 12 23 00-0212	LF		W5 x 16 A992/A36 Structural Column.....	48.23	17.71
			For Hot Dip Galvanizing, Add	8.16	
			For High Strength Low Alloy A572-50 Steel, Add	4.34	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.65	
05 12 23 00-0213	LF		W4 x 13 A992/A36 Structural Column.....	45.32	17.50
			For Hot Dip Galvanizing, Add	7.41	
			For High Strength Low Alloy A572-50 Steel, Add	4.08	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.06	
05 12 23 00-0214 A992/A36 Structural Steel Beams And Girders, W Shapes					
Note: Includes material delivery and erection.					
05 12 23 00-0215	LF		W36 x 300 A992/A36 Structural Beam Or Girder.....	406.97	72.27
			For Hot Dip Galvanizing, Add	91.54	
			For High Strength Low Alloy A572-50 Steel, Add	36.63	
			For High Strength Low Alloy A588 Steel, Add	81.39	
			For Each Additional Top Copes >2, Add	3.30	
			For Structural Tees, WT, MT Or ST, Deduct	-130.88	
			For Skewed Or Sloped Connections, Add	48.84	
05 12 23 00-0216	LF		W36 x 280 A992/A36 Structural Beam Or Girder.....	396.45	83.02
			For Hot Dip Galvanizing, Add	85.44	
			For High Strength Low Alloy A572-50 Steel, Add	35.68	
			For High Strength Low Alloy A588 Steel, Add	79.29	
			For Each Additional Top Copes >2, Add	3.08	
			For Structural Tees, WT, MT Or ST, Deduct	-125.47	
			For Skewed Or Sloped Connections, Add	47.57	
05 12 23 00-0217	LF		W36 x 260 A992/A36 Structural Beam Or Girder.....	376.19	82.03
			For Hot Dip Galvanizing, Add	80.13	
			For High Strength Low Alloy A572-50 Steel, Add	33.86	
			For High Strength Low Alloy A588 Steel, Add	75.24	
			For Each Additional Top Copes >2, Add	2.89	
			For Structural Tees, WT, MT Or ST, Deduct	-118.55	
			For Skewed Or Sloped Connections, Add	45.14	
05 12 23 00-0218	LF		W36 x 240 A992/A36 Structural Beam Or Girder.....	348.51	69.66
			For Hot Dip Galvanizing, Add	76.09	
			For High Strength Low Alloy A572-50 Steel, Add	31.37	
			For High Strength Low Alloy A588 Steel, Add	69.70	
			For Each Additional Top Copes >2, Add	2.74	
			For Structural Tees, WT, MT Or ST, Deduct	-110.83	
			For Skewed Or Sloped Connections, Add	41.82	
05 12 23 00-0219	LF		W36 x 230 A992/A36 Structural Beam Or Girder.....	338.14	70.65
			For Hot Dip Galvanizing, Add	72.92	
			For High Strength Low Alloy A572-50 Steel, Add	30.43	
			For High Strength Low Alloy A588 Steel, Add	67.63	
			For Each Additional Top Copes >2, Add	2.63	
			For Structural Tees, WT, MT Or ST, Deduct	-107.05	
			For Skewed Or Sloped Connections, Add	40.58	
05 12 23 00-0220	LF		W36 x 210 A992/A36 Structural Beam Or Girder.....	324.62	79.38
			For Hot Dip Galvanizing, Add	66.58	
			For High Strength Low Alloy A572-50 Steel, Add	29.22	
			For High Strength Low Alloy A588 Steel, Add	64.92	
			For Each Additional Top Copes >2, Add	2.40	
			For Structural Tees, WT, MT Or ST, Deduct	-100.92	
			For Skewed Or Sloped Connections, Add	38.95	
05 12 23 00-0221	LF		W36 x 194 A992/A36 Structural Beam Or Girder.....	303.80	67.56
			For Hot Dip Galvanizing, Add	64.31	
			For High Strength Low Alloy A572-50 Steel, Add	27.34	
			For High Strength Low Alloy A588 Steel, Add	60.76	
			For Each Additional Top Copes >2, Add	2.32	
			For Structural Tees, WT, MT Or ST, Deduct	-95.52	
			For Skewed Or Sloped Connections, Add	36.46	



Metals			05	05
Structural Metal Framing			05 10	
Structural Steel Framing			05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0222	LF	W36 x 182 A992/A36 Structural Beam Or Girder.....	288.94	67.07
		For Hot Dip Galvanizing, Add	60.33	
		For High Strength Low Alloy A572-50 Steel, Add	26.00	
		For High Strength Low Alloy A588 Steel, Add	57.79	
		For Each Additional Top Copes >2, Add	2.17	
		For Structural Tees, WT, MT Or ST, Deduct	-90.40	
		For Skewed Or Sloped Connections, Add	34.67	
05 12 23 00-0223	LF	W36 x 170 A992/A36 Structural Beam Or Girder.....	273.78	66.29
		For Hot Dip Galvanizing, Add	56.35	
		For High Strength Low Alloy A572-50 Steel, Add	24.64	
		For High Strength Low Alloy A588 Steel, Add	54.76	
		For Each Additional Top Copes >2, Add	2.03	
		For Structural Tees, WT, MT Or ST, Deduct	-85.22	
		For Skewed Or Sloped Connections, Add	32.85	
05 12 23 00-0224	LF	W36 x 160 A992/A36 Structural Beam Or Girder.....	273.05	76.82
		For Hot Dip Galvanizing, Add	53.04	
		For High Strength Low Alloy A572-50 Steel, Add	24.57	
		For High Strength Low Alloy A588 Steel, Add	54.61	
		For Each Additional Top Copes >2, Add	1.91	
		For Structural Tees, WT, MT Or ST, Deduct	-83.28	
		For Skewed Or Sloped Connections, Add	32.77	
05 12 23 00-0225	LF	W36 x 150 A992/A36 Structural Beam Or Girder.....	262.48	76.28
		For Hot Dip Galvanizing, Add	50.26	
		For High Strength Low Alloy A572-50 Steel, Add	23.62	
		For High Strength Low Alloy A588 Steel, Add	52.50	
		For Each Additional Top Copes >2, Add	1.81	
		For Structural Tees, WT, MT Or ST, Deduct	-79.66	
		For Skewed Or Sloped Connections, Add	31.50	
05 12 23 00-0226	LF	W36 x 135 A992/A36 Structural Beam Or Girder.....	247.70	75.61
		For Hot Dip Galvanizing, Add	46.37	
		For High Strength Low Alloy A572-50 Steel, Add	22.29	
		For High Strength Low Alloy A588 Steel, Add	49.54	
		For Each Additional Top Copes >2, Add	1.67	
		For Structural Tees, WT, MT Or ST, Deduct	-74.61	
		For Skewed Or Sloped Connections, Add	29.72	
05 12 23 00-0227	LF	W33 x 241 A992/A36 Structural Beam Or Girder.....	353.23	71.85
		For Hot Dip Galvanizing, Add	76.76	
		For High Strength Low Alloy A572-50 Steel, Add	31.79	
		For High Strength Low Alloy A588 Steel, Add	70.65	
		For Each Additional Top Copes >2, Add	2.77	
		For Structural Tees, WT, MT Or ST, Deduct	-112.14	
		For Skewed Or Sloped Connections, Add	42.39	
05 12 23 00-0228	LF	W33 x 221 A992/A36 Structural Beam Or Girder.....	328.39	70.08
		For Hot Dip Galvanizing, Add	70.39	
		For High Strength Low Alloy A572-50 Steel, Add	29.56	
		For High Strength Low Alloy A588 Steel, Add	65.68	
		For Each Additional Top Copes >2, Add	2.54	
		For Structural Tees, WT, MT Or ST, Deduct	-103.72	
		For Skewed Or Sloped Connections, Add	39.41	
05 12 23 00-0229	LF	W33 x 201 A992/A36 Structural Beam Or Girder.....	314.83	78.82
		For Hot Dip Galvanizing, Add	64.02	
		For High Strength Low Alloy A572-50 Steel, Add	28.33	
		For High Strength Low Alloy A588 Steel, Add	62.97	
		For Each Additional Top Copes >2, Add	2.31	
		For Structural Tees, WT, MT Or ST, Deduct	-97.57	
		For Skewed Or Sloped Connections, Add	37.78	
05 12 23 00-0230	LF	W33 x 170 A992/A36 Structural Beam Or Girder.....	284.39	77.38
		For Hot Dip Galvanizing, Add	56.03	
		For High Strength Low Alloy A572-50 Steel, Add	25.60	
		For High Strength Low Alloy A588 Steel, Add	56.88	
		For Each Additional Top Copes >2, Add	2.02	
		For Structural Tees, WT, MT Or ST, Deduct	-87.17	
		For Skewed Or Sloped Connections, Add	34.13	
05 12 23 00-0231	LF	W33 x 152 A992/A36 Structural Beam Or Girder.....	257.15	66.09
		For Hot Dip Galvanizing, Add	51.80	
		For High Strength Low Alloy A572-50 Steel, Add	23.14	
		For High Strength Low Alloy A588 Steel, Add	51.43	
		For Each Additional Top Copes >2, Add	1.87	
		For Structural Tees, WT, MT Or ST, Deduct	-79.43	
		For Skewed Or Sloped Connections, Add	30.86	
05 12 23 00-0232	LF	W33 x 141 A992/A36 Structural Beam Or Girder.....	254.07	75.83
		For Hot Dip Galvanizing, Add	48.05	
		For High Strength Low Alloy A572-50 Steel, Add	22.87	
		For High Strength Low Alloy A588 Steel, Add	50.81	
		For Each Additional Top Copes >2, Add	1.73	
		For Structural Tees, WT, MT Or ST, Deduct	-76.79	
		For Skewed Or Sloped Connections, Add	30.49	
05 12 23 00-0233	LF	W33 x 130 A992/A36 Structural Beam Or Girder.....	242.10	75.28
		For Hot Dip Galvanizing, Add	44.91	
		For High Strength Low Alloy A572-50 Steel, Add	21.79	
		For High Strength Low Alloy A588 Steel, Add	48.42	
		For Each Additional Top Copes >2, Add	1.62	
		For Structural Tees, WT, MT Or ST, Deduct	-72.70	
		For Skewed Or Sloped Connections, Add	29.05	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0234	LF		W33 x 118 A992/A36 Structural Beam Or Girder.....	228.20	74.61
			For Hot Dip Galvanizing, Add	41.24	
			For High Strength Low Alloy A572-50 Steel, Add	20.54	
			For High Strength Low Alloy A588 Steel, Add	45.64	
			For Each Additional Top Copes >2, Add	1.49	
			For Structural Tees, WT, MT Or ST, Deduct	-67.93	
			For Skewed Or Sloped Connections, Add	27.38	
05 12 23 00-0235	LF		W30 x 211 A992/A36 Structural Beam Or Girder.....	315.55	69.95
			For Hot Dip Galvanizing, Add	66.86	
			For High Strength Low Alloy A572-50 Steel, Add	28.40	
			For High Strength Low Alloy A588 Steel, Add	63.11	
			For Each Additional Top Copes >2, Add	2.41	
			For Structural Tees, WT, MT Or ST, Deduct	-99.25	
			For Skewed Or Sloped Connections, Add	37.87	
05 12 23 00-0236	LF		W30 x 191 A992/A36 Structural Beam Or Girder.....	301.68	78.27
			For Hot Dip Galvanizing, Add	60.52	
			For High Strength Low Alloy A572-50 Steel, Add	27.15	
			For High Strength Low Alloy A588 Steel, Add	60.34	
			For Each Additional Top Copes >2, Add	2.18	
			For Structural Tees, WT, MT Or ST, Deduct	-93.05	
			For Skewed Or Sloped Connections, Add	36.20	
05 12 23 00-0237	LF		W30 x 173 A992/A36 Structural Beam Or Girder.....	274.80	66.76
			For Hot Dip Galvanizing, Add	56.50	
			For High Strength Low Alloy A572-50 Steel, Add	24.73	
			For High Strength Low Alloy A588 Steel, Add	54.96	
			For Each Additional Top Copes >2, Add	2.04	
			For Structural Tees, WT, MT Or ST, Deduct	-85.50	
			For Skewed Or Sloped Connections, Add	32.98	
05 12 23 00-0238	LF		W30 x 154 A992/A36 Structural Beam Or Girder.....	262.71	76.39
			For Hot Dip Galvanizing, Add	50.29	
			For High Strength Low Alloy A572-50 Steel, Add	23.64	
			For High Strength Low Alloy A588 Steel, Add	52.54	
			For Each Additional Top Copes >2, Add	1.81	
			For Structural Tees, WT, MT Or ST, Deduct	-79.73	
			For Skewed Or Sloped Connections, Add	31.53	
05 12 23 00-0239	LF		W30 x 132 A992/A36 Structural Beam Or Girder.....	232.99	64.41
			For Hot Dip Galvanizing, Add	45.59	
			For High Strength Low Alloy A572-50 Steel, Add	20.97	
			For High Strength Low Alloy A588 Steel, Add	46.60	
			For Each Additional Top Copes >2, Add	1.64	
			For Structural Tees, WT, MT Or ST, Deduct	-71.24	
			For Skewed Or Sloped Connections, Add	27.96	
05 12 23 00-0240	LF		W30 x 124 A992/A36 Structural Beam Or Girder.....	222.99	64.37
			For Hot Dip Galvanizing, Add	42.83	
			For High Strength Low Alloy A572-50 Steel, Add	20.07	
			For High Strength Low Alloy A588 Steel, Add	44.60	
			For Each Additional Top Copes >2, Add	1.54	
			For Structural Tees, WT, MT Or ST, Deduct	-67.75	
			For Skewed Or Sloped Connections, Add	26.76	
05 12 23 00-0241	LF		W30 x 116 A992/A36 Structural Beam Or Girder.....	223.85	74.50
			For Hot Dip Galvanizing, Add	40.06	
			For High Strength Low Alloy A572-50 Steel, Add	20.15	
			For High Strength Low Alloy A588 Steel, Add	44.77	
			For Each Additional Top Copes >2, Add	1.44	
			For Structural Tees, WT, MT Or ST, Deduct	-66.43	
			For Skewed Or Sloped Connections, Add	26.86	
05 12 23 00-0242	LF		W30 x 108 A992/A36 Structural Beam Or Girder.....	206.64	67.08
			For Hot Dip Galvanizing, Add	37.50	
			For High Strength Low Alloy A572-50 Steel, Add	18.60	
			For High Strength Low Alloy A588 Steel, Add	41.33	
			For Each Additional Top Copes >2, Add	1.35	
			For Structural Tees, WT, MT Or ST, Deduct	-61.60	
			For Skewed Or Sloped Connections, Add	24.80	
05 12 23 00-0243	LF		W30 x 99 A992/A36 Structural Beam Or Girder.....	198.10	66.75
			For Hot Dip Galvanizing, Add	35.25	
			For High Strength Low Alloy A572-50 Steel, Add	17.83	
			For High Strength Low Alloy A588 Steel, Add	39.62	
			For Each Additional Top Copes >2, Add	1.27	
			For Structural Tees, WT, MT Or ST, Deduct	-58.67	
			For Skewed Or Sloped Connections, Add	23.77	
05 12 23 00-0244	LF		W27 x 178 A992/A36 Structural Beam Or Girder.....	306.40	78.16
			For Hot Dip Galvanizing, Add	61.89	
			For High Strength Low Alloy A572-50 Steel, Add	27.58	
			For High Strength Low Alloy A588 Steel, Add	61.28	
			For Each Additional Top Copes >2, Add	2.23	
			For Structural Tees, WT, MT Or ST, Deduct	-94.73	
			For Skewed Or Sloped Connections, Add	36.77	
05 12 23 00-0245	LF		W27 x 161 A992/A36 Structural Beam Or Girder.....	281.96	75.22
			For Hot Dip Galvanizing, Add	55.98	
			For High Strength Low Alloy A572-50 Steel, Add	25.38	
			For High Strength Low Alloy A588 Steel, Add	56.39	
			For Each Additional Top Copes >2, Add	2.02	
			For Structural Tees, WT, MT Or ST, Deduct	-86.65	
			For Skewed Or Sloped Connections, Add	33.84	



Metals			05	05
Structural Metal Framing			05 10	
Structural Steel Framing			05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0246	LF	W27 x 146 A992/A36 Structural Beam Or Girder.....	260.33	72.55
		For Hot Dip Galvanizing, Add	50.77	
		For High Strength Low Alloy A572-50 Steel, Add	23.43	
		For High Strength Low Alloy A588 Steel, Add	52.07	
		For Each Additional Top Copes >2, Add	1.83	
		For Structural Tees, WT, MT Or ST, Deduct	-79.51	
		For Skewed Or Sloped Connections, Add	31.24	
05 12 23 00-0247	LF	W27 x 114 A992/A36 Structural Beam Or Girder.....	207.12	60.27
		For Hot Dip Galvanizing, Add	39.64	
		For High Strength Low Alloy A572-50 Steel, Add	18.64	
		For High Strength Low Alloy A588 Steel, Add	41.42	
		For Each Additional Top Copes >2, Add	1.43	
		For Structural Tees, WT, MT Or ST, Deduct	-62.85	
		For Skewed Or Sloped Connections, Add	24.85	
05 12 23 00-0248	LF	W27 x 102 A992/A36 Structural Beam Or Girder.....	198.98	66.75
		For Hot Dip Galvanizing, Add	35.46	
		For High Strength Low Alloy A572-50 Steel, Add	17.91	
		For High Strength Low Alloy A588 Steel, Add	39.80	
		For Each Additional Top Copes >2, Add	1.28	
		For Structural Tees, WT, MT Or ST, Deduct	-58.97	
		For Skewed Or Sloped Connections, Add	23.88	
05 12 23 00-0249	LF	W27 x 94 A992/A36 Structural Beam Or Girder.....	190.97	66.31
		For Hot Dip Galvanizing, Add	33.36	
		For High Strength Low Alloy A572-50 Steel, Add	17.19	
		For High Strength Low Alloy A588 Steel, Add	38.19	
		For Each Additional Top Copes >2, Add	1.20	
		For Structural Tees, WT, MT Or ST, Deduct	-56.23	
		For Skewed Or Sloped Connections, Add	22.92	
05 12 23 00-0250	LF	W27 x 84 A992/A36 Structural Beam Or Girder.....	181.17	65.87
		For Hot Dip Galvanizing, Add	30.80	
		For High Strength Low Alloy A572-50 Steel, Add	16.31	
		For High Strength Low Alloy A588 Steel, Add	36.23	
		For Each Additional Top Copes >2, Add	1.11	
		For Structural Tees, WT, MT Or ST, Deduct	-52.88	
		For Skewed Or Sloped Connections, Add	21.74	
05 12 23 00-0251	LF	W24 x 162 A992/A36 Structural Beam Or Girder.....	271.50	72.11
		For Hot Dip Galvanizing, Add	54.00	
		For High Strength Low Alloy A572-50 Steel, Add	24.44	
		For High Strength Low Alloy A588 Steel, Add	54.30	
		For Each Additional Top Copes >2, Add	1.95	
		For Structural Tees, WT, MT Or ST, Deduct	-83.49	
		For Skewed Or Sloped Connections, Add	32.58	
05 12 23 00-0252	LF	W24 x 146 A992/A36 Structural Beam Or Girder.....	249.10	69.13
		For Hot Dip Galvanizing, Add	48.66	
		For High Strength Low Alloy A572-50 Steel, Add	22.42	
		For High Strength Low Alloy A588 Steel, Add	49.82	
		For Each Additional Top Copes >2, Add	1.75	
		For Structural Tees, WT, MT Or ST, Deduct	-76.12	
		For Skewed Or Sloped Connections, Add	29.89	
05 12 23 00-0253	LF	W24 x 131 A992/A36 Structural Beam Or Girder.....	227.73	65.99
		For Hot Dip Galvanizing, Add	43.66	
		For High Strength Low Alloy A572-50 Steel, Add	20.50	
		For High Strength Low Alloy A588 Steel, Add	45.55	
		For Each Additional Top Copes >2, Add	1.57	
		For Structural Tees, WT, MT Or ST, Deduct	-69.15	
		For Skewed Or Sloped Connections, Add	27.33	
05 12 23 00-0254	LF	W24 x 117 A992/A36 Structural Beam Or Girder.....	207.40	62.70
		For Hot Dip Galvanizing, Add	39.00	
		For High Strength Low Alloy A572-50 Steel, Add	18.67	
		For High Strength Low Alloy A588 Steel, Add	41.48	
		For Each Additional Top Copes >2, Add	1.41	
		For Structural Tees, WT, MT Or ST, Deduct	-62.56	
		For Skewed Or Sloped Connections, Add	24.89	
05 12 23 00-0255	LF	W24 x 104 A992/A36 Structural Beam Or Girder.....	188.16	59.29
		For Hot Dip Galvanizing, Add	34.67	
		For High Strength Low Alloy A572-50 Steel, Add	16.93	
		For High Strength Low Alloy A588 Steel, Add	37.63	
		For Each Additional Top Copes >2, Add	1.25	
		For Structural Tees, WT, MT Or ST, Deduct	-56.37	
		For Skewed Or Sloped Connections, Add	22.58	
05 12 23 00-0256	LF	W24 x 94 A992/A36 Structural Beam Or Girder.....	183.64	66.31
		For Hot Dip Galvanizing, Add	31.33	
		For High Strength Low Alloy A572-50 Steel, Add	16.53	
		For High Strength Low Alloy A588 Steel, Add	36.73	
		For Each Additional Top Copes >2, Add	1.13	
		For Structural Tees, WT, MT Or ST, Deduct	-53.66	
		For Skewed Or Sloped Connections, Add	22.04	
05 12 23 00-0257	LF	W24 x 84 A992/A36 Structural Beam Or Girder.....	167.07	58.78
		For Hot Dip Galvanizing, Add	28.94	
		For High Strength Low Alloy A572-50 Steel, Add	15.04	
		For High Strength Low Alloy A588 Steel, Add	33.41	
		For Each Additional Top Copes >2, Add	1.04	
		For Structural Tees, WT, MT Or ST, Deduct	-49.06	
		For Skewed Or Sloped Connections, Add	20.05	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0258 LF W24 x 76 A992/A36 Structural Beam Or Girder.....	159.55	58.34
For Hot Dip Galvanizing, Add	26.98	
For High Strength Low Alloy A572-50 Steel, Add	14.36	
For High Strength Low Alloy A588 Steel, Add	31.91	
For Each Additional Top Copes >2, Add	0.97	
For Structural Tees, WT, MT Or ST, Deduct	-46.49	
For Skewed Or Sloped Connections, Add	19.15	
05 12 23 00-0259 LF W24 x 68 A992/A36 Structural Beam Or Girder.....	150.12	58.00
For Hot Dip Galvanizing, Add	24.49	
For High Strength Low Alloy A572-50 Steel, Add	13.51	
For High Strength Low Alloy A588 Steel, Add	30.02	
For Each Additional Top Copes >2, Add	0.88	
For Structural Tees, WT, MT Or ST, Deduct	-43.26	
For Skewed Or Sloped Connections, Add	18.01	
05 12 23 00-0260 LF W24 x 62 A992/A36 Structural Beam Or Girder.....	145.17	57.68
For Hot Dip Galvanizing, Add	23.20	
For High Strength Low Alloy A572-50 Steel, Add	13.07	
For High Strength Low Alloy A588 Steel, Add	29.03	
For Each Additional Top Copes >2, Add	0.84	
For Structural Tees, WT, MT Or ST, Deduct	-41.58	
For Skewed Or Sloped Connections, Add	17.42	
05 12 23 00-0261 LF W24 x 55 A992/A36 Structural Beam Or Girder.....	138.41	57.46
For Hot Dip Galvanizing, Add	21.42	
For High Strength Low Alloy A572-50 Steel, Add	12.46	
For High Strength Low Alloy A588 Steel, Add	27.68	
For Each Additional Top Copes >2, Add	0.77	
For Structural Tees, WT, MT Or ST, Deduct	-39.26	
For Skewed Or Sloped Connections, Add	16.61	
05 12 23 00-0262 LF W21 x 147 A992/A36 Structural Beam Or Girder.....	236.64	59.30
For Hot Dip Galvanizing, Add	48.12	
For High Strength Low Alloy A572-50 Steel, Add	21.30	
For High Strength Low Alloy A588 Steel, Add	47.33	
For Each Additional Top Copes >2, Add	1.73	
For Structural Tees, WT, MT Or ST, Deduct	-73.34	
For Skewed Or Sloped Connections, Add	28.40	
05 12 23 00-0263 LF W21 x 132 A992/A36 Structural Beam Or Girder.....	216.12	56.66
For Hot Dip Galvanizing, Add	43.20	
For High Strength Low Alloy A572-50 Steel, Add	19.45	
For High Strength Low Alloy A588 Steel, Add	43.22	
For Each Additional Top Copes >2, Add	1.56	
For Structural Tees, WT, MT Or ST, Deduct	-66.58	
For Skewed Or Sloped Connections, Add	25.93	
05 12 23 00-0264 LF W21 x 122 A992/A36 Structural Beam Or Girder.....	203.31	55.70
For Hot Dip Galvanizing, Add	39.93	
For High Strength Low Alloy A572-50 Steel, Add	18.30	
For High Strength Low Alloy A588 Steel, Add	40.66	
For Each Additional Top Copes >2, Add	1.44	
For Structural Tees, WT, MT Or ST, Deduct	-62.25	
For Skewed Or Sloped Connections, Add	24.40	
05 12 23 00-0265 LF W21 x 111 A992/A36 Structural Beam Or Girder.....	188.43	53.92
For Hot Dip Galvanizing, Add	36.33	
For High Strength Low Alloy A572-50 Steel, Add	16.96	
For High Strength Low Alloy A588 Steel, Add	37.69	
For Each Additional Top Copes >2, Add	1.31	
For Structural Tees, WT, MT Or ST, Deduct	-57.32	
For Skewed Or Sloped Connections, Add	22.61	
05 12 23 00-0266 LF W21 x 101 A992/A36 Structural Beam Or Girder.....	174.79	52.19
For Hot Dip Galvanizing, Add	33.06	
For High Strength Low Alloy A572-50 Steel, Add	15.73	
For High Strength Low Alloy A588 Steel, Add	34.96	
For Each Additional Top Copes >2, Add	1.19	
For Structural Tees, WT, MT Or ST, Deduct	-52.83	
For Skewed Or Sloped Connections, Add	20.97	
05 12 23 00-0267 LF W21 x 93 A992/A36 Structural Beam Or Girder.....	173.11	59.45
For Hot Dip Galvanizing, Add	30.44	
For High Strength Low Alloy A572-50 Steel, Add	15.58	
For High Strength Low Alloy A588 Steel, Add	34.62	
For Each Additional Top Copes >2, Add	1.10	
For Structural Tees, WT, MT Or ST, Deduct	-51.08	
For Skewed Or Sloped Connections, Add	20.77	
05 12 23 00-0268 LF W21 x 83 A992/A36 Structural Beam Or Girder.....	164.24	58.78
For Hot Dip Galvanizing, Add	28.16	
For High Strength Low Alloy A572-50 Steel, Add	14.78	
For High Strength Low Alloy A588 Steel, Add	32.85	
For Each Additional Top Copes >2, Add	1.01	
For Structural Tees, WT, MT Or ST, Deduct	-48.07	
For Skewed Or Sloped Connections, Add	19.71	
05 12 23 00-0269 LF W21 x 73 A992/A36 Structural Beam Or Girder.....	153.41	58.34
For Hot Dip Galvanizing, Add	25.31	
For High Strength Low Alloy A572-50 Steel, Add	13.81	
For High Strength Low Alloy A588 Steel, Add	30.68	
For Each Additional Top Copes >2, Add	0.91	
For Structural Tees, WT, MT Or ST, Deduct	-44.36	
For Skewed Or Sloped Connections, Add	18.41	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0270	LF		W21 x 68 A992/A36 Structural Beam Or Girder.....	147.94	58.00
			For Hot Dip Galvanizing, Add	23.88	
			For High Strength Low Alloy A572-50 Steel, Add	13.31	
			For High Strength Low Alloy A588 Steel, Add	29.59	
			For Each Additional Top Copes >2, Add	0.86	
			For Structural Tees, WT, MT Or ST, Deduct	-42.50	
			For Skewed Or Sloped Connections, Add	17.75	
05 12 23 00-0271	LF		W21 x 62 A992/A36 Structural Beam Or Girder.....	142.99	57.68
			For Hot Dip Galvanizing, Add	22.60	
			For High Strength Low Alloy A572-50 Steel, Add	12.87	
			For High Strength Low Alloy A588 Steel, Add	28.60	
			For Each Additional Top Copes >2, Add	0.81	
			For Structural Tees, WT, MT Or ST, Deduct	-40.81	
			For Skewed Or Sloped Connections, Add	17.16	
05 12 23 00-0272	LF		W21 x 57 A992/A36 Structural Beam Or Girder.....	138.53	57.57
			For Hot Dip Galvanizing, Add	21.42	
			For High Strength Low Alloy A572-50 Steel, Add	12.47	
			For High Strength Low Alloy A588 Steel, Add	27.71	
			For Each Additional Top Copes >2, Add	0.77	
			For Structural Tees, WT, MT Or ST, Deduct	-39.29	
			For Skewed Or Sloped Connections, Add	16.62	
05 12 23 00-0273	LF		W21 x 50 A992/A36 Structural Beam Or Girder.....	122.58	49.92
			For Hot Dip Galvanizing, Add	19.21	
			For High Strength Low Alloy A572-50 Steel, Add	11.03	
			For High Strength Low Alloy A588 Steel, Add	24.52	
			For Each Additional Top Copes >2, Add	0.69	
			For Structural Tees, WT, MT Or ST, Deduct	-34.90	
			For Skewed Or Sloped Connections, Add	14.71	
05 12 23 00-0274	LF		W21 x 44 A992/A36 Structural Beam Or Girder.....	117.37	49.71
			For Hot Dip Galvanizing, Add	17.86	
			For High Strength Low Alloy A572-50 Steel, Add	10.56	
			For High Strength Low Alloy A588 Steel, Add	23.47	
			For Each Additional Top Copes >2, Add	0.64	
			For Structural Tees, WT, MT Or ST, Deduct	-33.13	
			For Skewed Or Sloped Connections, Add	14.08	
05 12 23 00-0275	LF		W18 x 119 A992/A36 Structural Beam Or Girder.....	198.04	55.51
			For Hot Dip Galvanizing, Add	38.53	
			For High Strength Low Alloy A572-50 Steel, Add	17.82	
			For High Strength Low Alloy A588 Steel, Add	39.61	
			For Each Additional Top Copes >2, Add	1.39	
			For Structural Tees, WT, MT Or ST, Deduct	-60.43	
			For Skewed Or Sloped Connections, Add	23.76	
05 12 23 00-0276	LF		W18 x 106 A992/A36 Structural Beam Or Girder.....	179.77	52.60
			For Hot Dip Galvanizing, Add	34.32	
			For High Strength Low Alloy A572-50 Steel, Add	16.18	
			For High Strength Low Alloy A588 Steel, Add	35.95	
			For Each Additional Top Copes >2, Add	1.24	
			For Structural Tees, WT, MT Or ST, Deduct	-54.50	
			For Skewed Or Sloped Connections, Add	21.57	
05 12 23 00-0277	LF		W18 x 97 A992/A36 Structural Beam Or Girder.....	176.70	59.45
			For Hot Dip Galvanizing, Add	31.40	
			For High Strength Low Alloy A572-50 Steel, Add	15.90	
			For High Strength Low Alloy A588 Steel, Add	35.34	
			For Each Additional Top Copes >2, Add	1.13	
			For Structural Tees, WT, MT Or ST, Deduct	-52.31	
			For Skewed Or Sloped Connections, Add	21.20	
05 12 23 00-0278	LF		W18 x 86 A992/A36 Structural Beam Or Girder.....	166.54	58.89
			For Hot Dip Galvanizing, Add	28.77	
			For High Strength Low Alloy A572-50 Steel, Add	14.99	
			For High Strength Low Alloy A588 Steel, Add	33.31	
			For Each Additional Top Copes >2, Add	1.04	
			For Structural Tees, WT, MT Or ST, Deduct	-48.86	
			For Skewed Or Sloped Connections, Add	19.98	
05 12 23 00-0279	LF		W18 x 76 A992/A36 Structural Beam Or Girder.....	157.37	58.34
			For Hot Dip Galvanizing, Add	26.38	
			For High Strength Low Alloy A572-50 Steel, Add	14.16	
			For High Strength Low Alloy A588 Steel, Add	31.47	
			For Each Additional Top Copes >2, Add	0.95	
			For Structural Tees, WT, MT Or ST, Deduct	-45.73	
			For Skewed Or Sloped Connections, Add	18.88	
05 12 23 00-0280	LF		W18 x 71 A992/A36 Structural Beam Or Girder.....	150.73	58.22
			For Hot Dip Galvanizing, Add	24.59	
			For High Strength Low Alloy A572-50 Steel, Add	13.57	
			For High Strength Low Alloy A588 Steel, Add	30.15	
			For Each Additional Top Copes >2, Add	0.89	
			For Structural Tees, WT, MT Or ST, Deduct	-43.44	
			For Skewed Or Sloped Connections, Add	18.09	
05 12 23 00-0281	LF		W18 x 65 A992/A36 Structural Beam Or Girder.....	144.23	58.00
			For Hot Dip Galvanizing, Add	22.88	
			For High Strength Low Alloy A572-50 Steel, Add	12.98	
			For High Strength Low Alloy A588 Steel, Add	28.85	
			For Each Additional Top Copes >2, Add	0.82	
			For Structural Tees, WT, MT Or ST, Deduct	-41.22	
			For Skewed Or Sloped Connections, Add	17.31	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0282 LF W18 x 60 A992/A36 Structural Beam Or Girder.....	138.37	57.57
For Hot Dip Galvanizing, Add	21.35	
For High Strength Low Alloy A572-50 Steel, Add	12.45	
For High Strength Low Alloy A588 Steel, Add	27.67	
For Each Additional Top Copes >2, Add	0.77	
For Structural Tees, WT, MT Or ST, Deduct	-39.22	
For Skewed Or Sloped Connections, Add	16.60	
05 12 23 00-0283 LF W18 x 55 A992/A36 Structural Beam Or Girder.....	132.50	57.46
For Hot Dip Galvanizing, Add	19.78	
For High Strength Low Alloy A572-50 Steel, Add	11.93	
For High Strength Low Alloy A588 Steel, Add	26.50	
For Each Additional Top Copes >2, Add	0.71	
For Structural Tees, WT, MT Or ST, Deduct	-37.19	
For Skewed Or Sloped Connections, Add	15.90	
05 12 23 00-0284 LF W18 x 50 A992/A36 Structural Beam Or Girder.....	118.99	49.92
For Hot Dip Galvanizing, Add	18.22	
For High Strength Low Alloy A572-50 Steel, Add	10.71	
For High Strength Low Alloy A588 Steel, Add	23.80	
For Each Additional Top Copes >2, Add	0.66	
For Structural Tees, WT, MT Or ST, Deduct	-33.64	
For Skewed Or Sloped Connections, Add	14.28	
05 12 23 00-0285 LF W18 x 46 A992/A36 Structural Beam Or Girder.....	114.40	49.82
For Hot Dip Galvanizing, Add	17.00	
For High Strength Low Alloy A572-50 Steel, Add	10.30	
For High Strength Low Alloy A588 Steel, Add	22.88	
For Each Additional Top Copes >2, Add	0.61	
For Structural Tees, WT, MT Or ST, Deduct	-32.07	
For Skewed Or Sloped Connections, Add	13.73	
05 12 23 00-0286 LF W18 x 40 A992/A36 Structural Beam Or Girder.....	99.85	42.51
For Hot Dip Galvanizing, Add	15.11	
For High Strength Low Alloy A572-50 Steel, Add	8.99	
For High Strength Low Alloy A588 Steel, Add	19.97	
For Each Additional Top Copes >2, Add	0.54	
For Structural Tees, WT, MT Or ST, Deduct	-28.14	
For Skewed Or Sloped Connections, Add	11.98	
05 12 23 00-0287 LF W18 x 35 A992/A36 Structural Beam Or Girder.....	94.10	42.40
For Hot Dip Galvanizing, Add	13.58	
For High Strength Low Alloy A572-50 Steel, Add	8.47	
For High Strength Low Alloy A588 Steel, Add	18.82	
For Each Additional Top Copes >2, Add	0.49	
For Structural Tees, WT, MT Or ST, Deduct	-26.16	
For Skewed Or Sloped Connections, Add	11.29	
05 12 23 00-0288 LF W16 x 100 A992/A36 Structural Beam Or Girder.....	162.82	38.64
For Hot Dip Galvanizing, Add	33.76	
For High Strength Low Alloy A572-50 Steel, Add	14.65	
For High Strength Low Alloy A588 Steel, Add	32.56	
For Each Additional Top Copes >2, Add	1.22	
For Structural Tees, WT, MT Or ST, Deduct	-50.81	
For Skewed Or Sloped Connections, Add	19.54	
05 12 23 00-0289 LF W16 x 89 A992/A36 Structural Beam Or Girder.....	149.83	37.97
For Hot Dip Galvanizing, Add	30.33	
For High Strength Low Alloy A572-50 Steel, Add	13.48	
For High Strength Low Alloy A588 Steel, Add	29.97	
For Each Additional Top Copes >2, Add	1.09	
For Structural Tees, WT, MT Or ST, Deduct	-46.36	
For Skewed Or Sloped Connections, Add	17.98	
05 12 23 00-0290 LF W16 x 77 A992/A36 Structural Beam Or Girder.....	135.91	37.53
For Hot Dip Galvanizing, Add	26.63	
For High Strength Low Alloy A572-50 Steel, Add	12.23	
For High Strength Low Alloy A588 Steel, Add	27.18	
For Each Additional Top Copes >2, Add	0.96	
For Structural Tees, WT, MT Or ST, Deduct	-41.57	
For Skewed Or Sloped Connections, Add	16.31	
05 12 23 00-0291 LF W16 x 67 A992/A36 Structural Beam Or Girder.....	124.06	36.97
For Hot Dip Galvanizing, Add	23.49	
For High Strength Low Alloy A572-50 Steel, Add	11.17	
For High Strength Low Alloy A588 Steel, Add	24.81	
For Each Additional Top Copes >2, Add	0.85	
For Structural Tees, WT, MT Or ST, Deduct	-37.51	
For Skewed Or Sloped Connections, Add	14.89	
05 12 23 00-0292 LF W16 x 57 A992/A36 Structural Beam Or Girder.....	112.33	36.42
For Hot Dip Galvanizing, Add	20.39	
For High Strength Low Alloy A572-50 Steel, Add	10.11	
For High Strength Low Alloy A588 Steel, Add	22.47	
For Each Additional Top Copes >2, Add	0.73	
For Structural Tees, WT, MT Or ST, Deduct	-33.49	
For Skewed Or Sloped Connections, Add	13.48	
05 12 23 00-0293 LF W16 x 50 A992/A36 Structural Beam Or Girder.....	104.17	36.09
For Hot Dip Galvanizing, Add	18.22	
For High Strength Low Alloy A572-50 Steel, Add	9.38	
For High Strength Low Alloy A588 Steel, Add	20.83	
For Each Additional Top Copes >2, Add	0.66	
For Structural Tees, WT, MT Or ST, Deduct	-30.68	
For Skewed Or Sloped Connections, Add	12.50	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0294	LF		W16 x 45 A992/A36 Structural Beam Or Girder.....	98.41	35.87
			For Hot Dip Galvanizing, Add	16.68	
			For High Strength Low Alloy A572-50 Steel, Add	8.86	
			For High Strength Low Alloy A588 Steel, Add	19.68	
			For Each Additional Top Copes >2, Add	0.60	
			For Structural Tees, WT, MT Or ST, Deduct	-28.70	
			For Skewed Or Sloped Connections, Add	11.81	
05 12 23 00-0295	LF		W16 x 40 A992/A36 Structural Beam Or Girder.....	92.43	35.54
			For Hot Dip Galvanizing, Add	15.11	
			For High Strength Low Alloy A572-50 Steel, Add	8.32	
			For High Strength Low Alloy A588 Steel, Add	18.49	
			For Each Additional Top Copes >2, Add	0.54	
			For Structural Tees, WT, MT Or ST, Deduct	-26.66	
			For Skewed Or Sloped Connections, Add	11.09	
05 12 23 00-0296	LF		W16 x 36 A992/A36 Structural Beam Or Girder.....	87.73	35.31
			For Hot Dip Galvanizing, Add	13.90	
			For High Strength Low Alloy A572-50 Steel, Add	7.90	
			For High Strength Low Alloy A588 Steel, Add	17.55	
			For Each Additional Top Copes >2, Add	0.50	
			For Structural Tees, WT, MT Or ST, Deduct	-25.06	
			For Skewed Or Sloped Connections, Add	10.53	
05 12 23 00-0297	LF		W16 x 31 A992/A36 Structural Beam Or Girder.....	74.44	28.12
			For Hot Dip Galvanizing, Add	12.33	
			For High Strength Low Alloy A572-50 Steel, Add	6.70	
			For High Strength Low Alloy A588 Steel, Add	14.89	
			For Each Additional Top Copes >2, Add	0.44	
			For Structural Tees, WT, MT Or ST, Deduct	-21.55	
			For Skewed Or Sloped Connections, Add	8.93	
05 12 23 00-0298	LF		W16 x 26 A992/A36 Structural Beam Or Girder.....	66.93	27.79
			For Hot Dip Galvanizing, Add	10.34	
			For High Strength Low Alloy A572-50 Steel, Add	6.02	
			For High Strength Low Alloy A588 Steel, Add	13.39	
			For Each Additional Top Copes >2, Add	0.37	
			For Structural Tees, WT, MT Or ST, Deduct	-18.98	
			For Skewed Or Sloped Connections, Add	8.03	
05 12 23 00-0299	LF		W14 x 99 A992/A36 Structural Beam Or Girder.....	154.24	31.66
			For Hot Dip Galvanizing, Add	33.43	
			For High Strength Low Alloy A572-50 Steel, Add	13.88	
			For High Strength Low Alloy A588 Steel, Add	30.85	
			For Each Additional Top Copes >2, Add	1.20	
			For Structural Tees, WT, MT Or ST, Deduct	-48.92	
			For Skewed Or Sloped Connections, Add	18.51	
05 12 23 00-0300	LF		W14 x 90 A992/A36 Structural Beam Or Girder.....	143.67	31.10
			For Hot Dip Galvanizing, Add	30.65	
			For High Strength Low Alloy A572-50 Steel, Add	12.93	
			For High Strength Low Alloy A588 Steel, Add	28.73	
			For Each Additional Top Copes >2, Add	1.10	
			For Structural Tees, WT, MT Or ST, Deduct	-45.30	
			For Skewed Or Sloped Connections, Add	17.24	
05 12 23 00-0301	LF		W14 x 82 A992/A36 Structural Beam Or Girder.....	134.24	30.78
			For Hot Dip Galvanizing, Add	28.16	
			For High Strength Low Alloy A572-50 Steel, Add	12.08	
			For High Strength Low Alloy A588 Steel, Add	26.85	
			For Each Additional Top Copes >2, Add	1.01	
			For Structural Tees, WT, MT Or ST, Deduct	-42.07	
			For Skewed Or Sloped Connections, Add	16.11	
05 12 23 00-0302	LF		W14 x 74 A992/A36 Structural Beam Or Girder.....	124.81	30.33
			For Hot Dip Galvanizing, Add	25.66	
			For High Strength Low Alloy A572-50 Steel, Add	11.23	
			For High Strength Low Alloy A588 Steel, Add	24.96	
			For Each Additional Top Copes >2, Add	0.92	
			For Structural Tees, WT, MT Or ST, Deduct	-38.83	
			For Skewed Or Sloped Connections, Add	14.98	
05 12 23 00-0303	LF		W14 x 68 A992/A36 Structural Beam Or Girder.....	117.79	30.00
			For Hot Dip Galvanizing, Add	23.81	
			For High Strength Low Alloy A572-50 Steel, Add	10.60	
			For High Strength Low Alloy A588 Steel, Add	23.56	
			For Each Additional Top Copes >2, Add	0.86	
			For Structural Tees, WT, MT Or ST, Deduct	-36.43	
			For Skewed Or Sloped Connections, Add	14.13	
05 12 23 00-0304	LF		W14 x 61 A992/A36 Structural Beam Or Girder.....	109.63	29.67
			For Hot Dip Galvanizing, Add	21.64	
			For High Strength Low Alloy A572-50 Steel, Add	9.87	
			For High Strength Low Alloy A588 Steel, Add	21.93	
			For Each Additional Top Copes >2, Add	0.78	
			For Structural Tees, WT, MT Or ST, Deduct	-33.62	
			For Skewed Or Sloped Connections, Add	13.16	
05 12 23 00-0305	LF		W14 x 53 A992/A36 Structural Beam Or Girder.....	100.31	29.22
			For Hot Dip Galvanizing, Add	19.18	
			For High Strength Low Alloy A572-50 Steel, Add	9.03	
			For High Strength Low Alloy A588 Steel, Add	20.06	
			For Each Additional Top Copes >2, Add	0.69	
			For Structural Tees, WT, MT Or ST, Deduct	-30.43	
			For Skewed Or Sloped Connections, Add	12.04	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0306 LF W14 x 48 A992/A36 Structural Beam Or Girder.....	94.34	28.89
For Hot Dip Galvanizing, Add	17.61	
For High Strength Low Alloy A572-50 Steel, Add	8.49	
For High Strength Low Alloy A588 Steel, Add	18.87	
For Each Additional Top Copes >2, Add	0.63	
For Structural Tees, WT, MT Or ST, Deduct	-28.39	
For Skewed Or Sloped Connections, Add	11.32	
05 12 23 00-0307 LF W14 x 43 A992/A36 Structural Beam Or Girder.....	88.47	28.78
For Hot Dip Galvanizing, Add	16.04	
For High Strength Low Alloy A572-50 Steel, Add	7.96	
For High Strength Low Alloy A588 Steel, Add	17.69	
For Each Additional Top Copes >2, Add	0.58	
For Structural Tees, WT, MT Or ST, Deduct	-26.36	
For Skewed Or Sloped Connections, Add	10.62	
05 12 23 00-0308 LF W14 x 38 A992/A36 Structural Beam Or Girder.....	82.61	28.56
For Hot Dip Galvanizing, Add	14.51	
For High Strength Low Alloy A572-50 Steel, Add	7.43	
For High Strength Low Alloy A588 Steel, Add	16.52	
For Each Additional Top Copes >2, Add	0.52	
For Structural Tees, WT, MT Or ST, Deduct	-24.36	
For Skewed Or Sloped Connections, Add	9.91	
05 12 23 00-0309 LF W14 x 34 A992/A36 Structural Beam Or Girder.....	77.89	28.23
For Hot Dip Galvanizing, Add	13.26	
For High Strength Low Alloy A572-50 Steel, Add	7.01	
For High Strength Low Alloy A588 Steel, Add	15.58	
For Each Additional Top Copes >2, Add	0.48	
For Structural Tees, WT, MT Or ST, Deduct	-22.75	
For Skewed Or Sloped Connections, Add	9.35	
05 12 23 00-0310 LF W14 x 30 A992/A36 Structural Beam Or Girder.....	73.18	28.12
For Hot Dip Galvanizing, Add	12.01	
For High Strength Low Alloy A572-50 Steel, Add	6.59	
For High Strength Low Alloy A588 Steel, Add	14.64	
For Each Additional Top Copes >2, Add	0.43	
For Structural Tees, WT, MT Or ST, Deduct	-21.13	
For Skewed Or Sloped Connections, Add	8.78	
05 12 23 00-0311 LF W14 x 26 A992/A36 Structural Beam Or Girder.....	68.46	27.79
For Hot Dip Galvanizing, Add	10.76	
For High Strength Low Alloy A572-50 Steel, Add	6.16	
For High Strength Low Alloy A588 Steel, Add	13.69	
For Each Additional Top Copes >2, Add	0.39	
For Structural Tees, WT, MT Or ST, Deduct	-19.51	
For Skewed Or Sloped Connections, Add	8.22	
05 12 23 00-0312 LF W14 x 22 A992/A36 Structural Beam Or Girder.....	63.86	27.68
For Hot Dip Galvanizing, Add	9.55	
For High Strength Low Alloy A572-50 Steel, Add	5.75	
For High Strength Low Alloy A588 Steel, Add	12.77	
For Each Additional Top Copes >2, Add	0.34	
For Structural Tees, WT, MT Or ST, Deduct	-17.94	
For Skewed Or Sloped Connections, Add	7.66	
05 12 23 00-0313 LF W12 x 87 A992/A36 Structural Beam Or Girder.....	140.22	30.99
For Hot Dip Galvanizing, Add	29.73	
For High Strength Low Alloy A572-50 Steel, Add	12.62	
For High Strength Low Alloy A588 Steel, Add	28.04	
For Each Additional Top Copes >2, Add	1.07	
For Structural Tees, WT, MT Or ST, Deduct	-44.11	
For Skewed Or Sloped Connections, Add	16.83	
05 12 23 00-0314 LF W12 x 79 A992/A36 Structural Beam Or Girder.....	130.79	30.56
For Hot Dip Galvanizing, Add	27.23	
For High Strength Low Alloy A572-50 Steel, Add	11.77	
For High Strength Low Alloy A588 Steel, Add	26.16	
For Each Additional Top Copes >2, Add	0.98	
For Structural Tees, WT, MT Or ST, Deduct	-40.88	
For Skewed Or Sloped Connections, Add	15.69	
05 12 23 00-0315 LF W12 x 72 A992/A36 Structural Beam Or Girder.....	122.51	30.22
For Hot Dip Galvanizing, Add	25.06	
For High Strength Low Alloy A572-50 Steel, Add	11.03	
For High Strength Low Alloy A588 Steel, Add	24.50	
For Each Additional Top Copes >2, Add	0.90	
For Structural Tees, WT, MT Or ST, Deduct	-38.05	
For Skewed Or Sloped Connections, Add	14.70	
05 12 23 00-0316 LF W12 x 65 A992/A36 Structural Beam Or Girder.....	114.34	29.89
For Hot Dip Galvanizing, Add	22.88	
For High Strength Low Alloy A572-50 Steel, Add	10.29	
For High Strength Low Alloy A588 Steel, Add	22.87	
For Each Additional Top Copes >2, Add	0.82	
For Structural Tees, WT, MT Or ST, Deduct	-35.24	
For Skewed Or Sloped Connections, Add	13.72	
05 12 23 00-0317 LF W12 x 58 A992/A36 Structural Beam Or Girder.....	106.07	29.45
For Hot Dip Galvanizing, Add	20.71	
For High Strength Low Alloy A572-50 Steel, Add	9.55	
For High Strength Low Alloy A588 Steel, Add	21.21	
For Each Additional Top Copes >2, Add	0.75	
For Structural Tees, WT, MT Or ST, Deduct	-32.41	
For Skewed Or Sloped Connections, Add	12.73	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0318	LF	W12 x 53 A992/A36 Structural Beam Or Girder.....	100.31	29.22
		For Hot Dip Galvanizing, Add	19.18	
		For High Strength Low Alloy A572-50 Steel, Add	9.03	
		For High Strength Low Alloy A588 Steel, Add	20.06	
		For Each Additional Top Copes >2, Add	0.69	
		For Structural Tees, WT, MT Or ST, Deduct	-30.43	
		For Skewed Or Sloped Connections, Add	12.04	
05 12 23 00-0319	LF	W12 x 50 A992/A36 Structural Beam Or Girder.....	96.63	29.11
		For Hot Dip Galvanizing, Add	18.22	
		For High Strength Low Alloy A572-50 Steel, Add	8.70	
		For High Strength Low Alloy A588 Steel, Add	19.33	
		For Each Additional Top Copes >2, Add	0.66	
		For Structural Tees, WT, MT Or ST, Deduct	-29.17	
		For Skewed Or Sloped Connections, Add	11.60	
05 12 23 00-0320	LF	W12 x 45 A992/A36 Structural Beam Or Girder.....	90.89	28.89
		For Hot Dip Galvanizing, Add	16.68	
		For High Strength Low Alloy A572-50 Steel, Add	8.18	
		For High Strength Low Alloy A588 Steel, Add	18.18	
		For Each Additional Top Copes >2, Add	0.60	
		For Structural Tees, WT, MT Or ST, Deduct	-27.19	
		For Skewed Or Sloped Connections, Add	10.91	
05 12 23 00-0321	LF	W12 x 40 A992/A36 Structural Beam Or Girder.....	77.37	21.48
		For Hot Dip Galvanizing, Add	15.11	
		For High Strength Low Alloy A572-50 Steel, Add	6.96	
		For High Strength Low Alloy A588 Steel, Add	15.47	
		For Each Additional Top Copes >2, Add	0.54	
		For Structural Tees, WT, MT Or ST, Deduct	-23.64	
		For Skewed Or Sloped Connections, Add	9.28	
05 12 23 00-0322	LF	W12 x 35 A992/A36 Structural Beam Or Girder.....	71.64	21.36
		For Hot Dip Galvanizing, Add	13.58	
		For High Strength Low Alloy A572-50 Steel, Add	6.45	
		For High Strength Low Alloy A588 Steel, Add	14.33	
		For Each Additional Top Copes >2, Add	0.49	
		For Structural Tees, WT, MT Or ST, Deduct	-21.67	
		For Skewed Or Sloped Connections, Add	8.60	
05 12 23 00-0323	LF	W12 x 30 A992/A36 Structural Beam Or Girder.....	65.65	21.03
		For Hot Dip Galvanizing, Add	12.01	
		For High Strength Low Alloy A572-50 Steel, Add	5.91	
		For High Strength Low Alloy A588 Steel, Add	13.13	
		For Each Additional Top Copes >2, Add	0.43	
		For Structural Tees, WT, MT Or ST, Deduct	-19.62	
		For Skewed Or Sloped Connections, Add	7.88	
05 12 23 00-0324	LF	W12 x 26 A992/A36 Structural Beam Or Girder.....	60.93	20.81
		For Hot Dip Galvanizing, Add	10.76	
		For High Strength Low Alloy A572-50 Steel, Add	5.48	
		For High Strength Low Alloy A588 Steel, Add	12.19	
		For Each Additional Top Copes >2, Add	0.39	
		For Structural Tees, WT, MT Or ST, Deduct	-18.00	
		For Skewed Or Sloped Connections, Add	7.31	
05 12 23 00-0325	LF	W12 x 22 A992/A36 Structural Beam Or Girder.....	56.34	20.59
		For Hot Dip Galvanizing, Add	9.55	
		For High Strength Low Alloy A572-50 Steel, Add	5.07	
		For High Strength Low Alloy A588 Steel, Add	11.27	
		For Each Additional Top Copes >2, Add	0.34	
		For Structural Tees, WT, MT Or ST, Deduct	-16.43	
		For Skewed Or Sloped Connections, Add	6.76	
05 12 23 00-0326	LF	W12 x 19 A992/A36 Structural Beam Or Girder.....	52.77	20.48
		For Hot Dip Galvanizing, Add	8.59	
		For High Strength Low Alloy A572-50 Steel, Add	4.75	
		For High Strength Low Alloy A588 Steel, Add	10.55	
		For Each Additional Top Copes >2, Add	0.31	
		For Structural Tees, WT, MT Or ST, Deduct	-15.20	
		For Skewed Or Sloped Connections, Add	6.33	
05 12 23 00-0327	LF	W12 x 16 A992/A36 Structural Beam Or Girder.....	49.21	20.15
		For Hot Dip Galvanizing, Add	7.66	
		For High Strength Low Alloy A572-50 Steel, Add	4.43	
		For High Strength Low Alloy A588 Steel, Add	9.84	
		For Each Additional Top Copes >2, Add	0.28	
		For Structural Tees, WT, MT Or ST, Deduct	-13.99	
		For Skewed Or Sloped Connections, Add	5.91	
05 12 23 00-0328	LF	W12 x 14 A992/A36 Structural Beam Or Girder.....	46.91	20.15
		For Hot Dip Galvanizing, Add	7.06	
		For High Strength Low Alloy A572-50 Steel, Add	4.22	
		For High Strength Low Alloy A588 Steel, Add	9.38	
		For Each Additional Top Copes >2, Add	0.25	
		For Structural Tees, WT, MT Or ST, Deduct	-13.20	
		For Skewed Or Sloped Connections, Add	5.63	
05 12 23 00-0329	LF	W10 x 68 A992/A36 Structural Beam Or Girder.....	110.64	23.13
		For Hot Dip Galvanizing, Add	23.88	
		For High Strength Low Alloy A572-50 Steel, Add	9.96	
		For High Strength Low Alloy A588 Steel, Add	22.13	
		For Each Additional Top Copes >2, Add	0.86	
		For Structural Tees, WT, MT Or ST, Deduct	-35.04	
		For Skewed Or Sloped Connections, Add	13.28	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0330 LF W10 x 60 A992/A36 Structural Beam Or Girder.....	101.33	22.70
For Hot Dip Galvanizing, Add	21.42	
For High Strength Low Alloy A572-50 Steel, Add	9.12	
For High Strength Low Alloy A588 Steel, Add	20.27	
For Each Additional Top Copes >2, Add	0.77	
For Structural Tees, WT, MT Or ST, Deduct	-31.85	
For Skewed Or Sloped Connections, Add	12.16	
05 12 23 00-0331 LF W10 x 54 A992/A36 Structural Beam Or Girder.....	94.19	22.25
For Hot Dip Galvanizing, Add	19.53	
For High Strength Low Alloy A572-50 Steel, Add	8.48	
For High Strength Low Alloy A588 Steel, Add	18.84	
For Each Additional Top Copes >2, Add	0.70	
For Structural Tees, WT, MT Or ST, Deduct	-29.40	
For Skewed Or Sloped Connections, Add	11.30	
05 12 23 00-0332 LF W10 x 49 A992/A36 Structural Beam Or Girder.....	88.34	22.03
For Hot Dip Galvanizing, Add	18.00	
For High Strength Low Alloy A572-50 Steel, Add	7.95	
For High Strength Low Alloy A588 Steel, Add	17.67	
For Each Additional Top Copes >2, Add	0.65	
For Structural Tees, WT, MT Or ST, Deduct	-27.40	
For Skewed Or Sloped Connections, Add	10.60	
05 12 23 00-0333 LF W10 x 45 A992/A36 Structural Beam Or Girder.....	83.61	21.92
For Hot Dip Galvanizing, Add	16.75	
For High Strength Low Alloy A572-50 Steel, Add	7.52	
For High Strength Low Alloy A588 Steel, Add	16.72	
For Each Additional Top Copes >2, Add	0.60	
For Structural Tees, WT, MT Or ST, Deduct	-25.78	
For Skewed Or Sloped Connections, Add	10.03	
05 12 23 00-0334 LF W10 x 39 A992/A36 Structural Beam Or Girder.....	76.60	21.48
For Hot Dip Galvanizing, Add	14.90	
For High Strength Low Alloy A572-50 Steel, Add	6.89	
For High Strength Low Alloy A588 Steel, Add	15.32	
For Each Additional Top Copes >2, Add	0.54	
For Structural Tees, WT, MT Or ST, Deduct	-23.37	
For Skewed Or Sloped Connections, Add	9.19	
05 12 23 00-0335 LF W10 x 33 A992/A36 Structural Beam Or Girder.....	69.60	21.14
For Hot Dip Galvanizing, Add	13.05	
For High Strength Low Alloy A572-50 Steel, Add	6.26	
For High Strength Low Alloy A588 Steel, Add	13.92	
For Each Additional Top Copes >2, Add	0.47	
For Structural Tees, WT, MT Or ST, Deduct	-20.97	
For Skewed Or Sloped Connections, Add	8.35	
05 12 23 00-0336 LF W10 x 30 A992/A36 Structural Beam Or Girder.....	66.02	21.03
For Hot Dip Galvanizing, Add	12.08	
For High Strength Low Alloy A572-50 Steel, Add	5.94	
For High Strength Low Alloy A588 Steel, Add	13.20	
For Each Additional Top Copes >2, Add	0.44	
For Structural Tees, WT, MT Or ST, Deduct	-19.74	
For Skewed Or Sloped Connections, Add	7.92	
05 12 23 00-0337 LF W10 x 26 A992/A36 Structural Beam Or Girder.....	61.43	20.92
For Hot Dip Galvanizing, Add	10.87	
For High Strength Low Alloy A572-50 Steel, Add	5.53	
For High Strength Low Alloy A588 Steel, Add	12.29	
For Each Additional Top Copes >2, Add	0.39	
For Structural Tees, WT, MT Or ST, Deduct	-18.16	
For Skewed Or Sloped Connections, Add	7.37	
05 12 23 00-0338 LF W10 x 22 A992/A36 Structural Beam Or Girder.....	56.60	20.59
For Hot Dip Galvanizing, Add	9.62	
For High Strength Low Alloy A572-50 Steel, Add	5.09	
For High Strength Low Alloy A588 Steel, Add	11.32	
For Each Additional Top Copes >2, Add	0.35	
For Structural Tees, WT, MT Or ST, Deduct	-16.52	
For Skewed Or Sloped Connections, Add	6.79	
05 12 23 00-0339 LF W10 x 19 A992/A36 Structural Beam Or Girder.....	53.15	20.48
For Hot Dip Galvanizing, Add	8.70	
For High Strength Low Alloy A572-50 Steel, Add	4.78	
For High Strength Low Alloy A588 Steel, Add	10.63	
For Each Additional Top Copes >2, Add	0.31	
For Structural Tees, WT, MT Or ST, Deduct	-15.33	
For Skewed Or Sloped Connections, Add	6.38	
05 12 23 00-0340 LF W10 x 17 A992/A36 Structural Beam Or Girder.....	50.73	20.36
For Hot Dip Galvanizing, Add	8.06	
For High Strength Low Alloy A572-50 Steel, Add	4.57	
For High Strength Low Alloy A588 Steel, Add	10.15	
For Each Additional Top Copes >2, Add	0.29	
For Structural Tees, WT, MT Or ST, Deduct	-14.50	
For Skewed Or Sloped Connections, Add	6.09	
05 12 23 00-0341 LF W10 x 15 A992/A36 Structural Beam Or Girder.....	48.44	20.15
For Hot Dip Galvanizing, Add	7.45	
For High Strength Low Alloy A572-50 Steel, Add	4.36	
For High Strength Low Alloy A588 Steel, Add	9.69	
For Each Additional Top Copes >2, Add	0.27	
For Structural Tees, WT, MT Or ST, Deduct	-13.72	
For Skewed Or Sloped Connections, Add	5.81	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0342	LF		W10 x 12 A992/A36 Structural Beam Or Girder.....	44.99	20.15
			For Hot Dip Galvanizing, Add	6.52	
			For High Strength Low Alloy A572-50 Steel, Add	4.05	
			For High Strength Low Alloy A588 Steel, Add	9.00	
			For Each Additional Top Copes >2, Add	0.24	
			For Structural Tees, WT, MT Or ST, Deduct	-12.52	
			For Skewed Or Sloped Connections, Add	5.40	
05 12 23 00-0343	LF		W8 x 35 A992/A36 Structural Beam Or Girder.....	71.89	21.36
			For Hot Dip Galvanizing, Add	13.65	
			For High Strength Low Alloy A572-50 Steel, Add	6.47	
			For High Strength Low Alloy A588 Steel, Add	14.38	
			For Each Additional Top Copes >2, Add	0.49	
			For Structural Tees, WT, MT Or ST, Deduct	-21.76	
			For Skewed Or Sloped Connections, Add	8.63	
05 12 23 00-0344	LF		W8 x 31 A992/A36 Structural Beam Or Girder.....	67.18	21.03
			For Hot Dip Galvanizing, Add	12.40	
			For High Strength Low Alloy A572-50 Steel, Add	6.05	
			For High Strength Low Alloy A588 Steel, Add	13.44	
			For Each Additional Top Copes >2, Add	0.45	
			For Structural Tees, WT, MT Or ST, Deduct	-20.14	
			For Skewed Or Sloped Connections, Add	8.06	
05 12 23 00-0345	LF		W8 x 28 A992/A36 Structural Beam Or Girder.....	62.50	19.82
			For Hot Dip Galvanizing, Add	11.48	
			For High Strength Low Alloy A572-50 Steel, Add	5.63	
			For High Strength Low Alloy A588 Steel, Add	12.50	
			For Each Additional Top Copes >2, Add	0.41	
			For Structural Tees, WT, MT Or ST, Deduct	-18.70	
			For Skewed Or Sloped Connections, Add	7.50	
05 12 23 00-0346	LF		W8 x 24 A992/A36 Structural Beam Or Girder.....	57.08	18.60
			For Hot Dip Galvanizing, Add	10.34	
			For High Strength Low Alloy A572-50 Steel, Add	5.14	
			For High Strength Low Alloy A588 Steel, Add	11.42	
			For Each Additional Top Copes >2, Add	0.37	
			For Structural Tees, WT, MT Or ST, Deduct	-17.01	
			For Skewed Or Sloped Connections, Add	6.85	
05 12 23 00-0347	LF		W8 x 21 A992/A36 Structural Beam Or Girder.....	53.13	17.27
			For Hot Dip Galvanizing, Add	9.61	
			For High Strength Low Alloy A572-50 Steel, Add	4.78	
			For High Strength Low Alloy A588 Steel, Add	10.63	
			For Each Additional Top Copes >2, Add	0.35	
			For Structural Tees, WT, MT Or ST, Deduct	-15.82	
			For Skewed Or Sloped Connections, Add	6.38	
05 12 23 00-0348	LF		W8 x 18 A992/A36 Structural Beam Or Girder.....	46.65	16.05
			For Hot Dip Galvanizing, Add	8.18	
			For High Strength Low Alloy A572-50 Steel, Add	4.20	
			For High Strength Low Alloy A588 Steel, Add	9.33	
			For Each Additional Top Copes >2, Add	0.29	
			For Structural Tees, WT, MT Or ST, Deduct	-13.75	
			For Skewed Or Sloped Connections, Add	5.60	
05 12 23 00-0349	LF		W8 x 10 A992/A36 Structural Beam Or Girder.....	27.92	11.52
			For Hot Dip Galvanizing, Add	4.37	
			For High Strength Low Alloy A572-50 Steel, Add	2.51	
			For High Strength Low Alloy A588 Steel, Add	5.58	
			For Each Additional Top Copes >2, Add	0.16	
			For Structural Tees, WT, MT Or ST, Deduct	-7.95	
			For Skewed Or Sloped Connections, Add	3.35	
05 12 23 00-0350	LF		W6 x 9 A992/A36 Structural Beam Or Girder.....	25.50	9.40
			For Hot Dip Galvanizing, Add	4.31	
			For High Strength Low Alloy A572-50 Steel, Add	2.30	
			For High Strength Low Alloy A588 Steel, Add	5.10	
			For Each Additional Top Copes >2, Add	0.16	
			For Structural Tees, WT, MT Or ST, Deduct	-7.43	
			For Skewed Or Sloped Connections, Add	3.06	
05 12 23 00-0351			A992/A36 Structural Steel, M Shapes (05 12 23 00-0133)		
			Note: Includes material delivery and erection.		
05 12 23 00-0352	LF		M14 x 18 A992/A36 Structural Steel.....	51.35	14.62
			For Hot Dip Galvanizing, Add	9.92	
			For High Strength Low Alloy A572-50 Steel, Add	4.62	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.27	
05 12 23 00-0353	LF		M12 x 11.8 A992/A36 Structural Steel.....	37.23	12.93
			For Hot Dip Galvanizing, Add	6.50	
			For High Strength Low Alloy A572-50 Steel, Add	3.35	
			For High Strength Low Alloy A588 Grade B Steel, Add	7.45	
05 12 23 00-0354	LF		M10 x 9 A992/A36 Structural Steel.....	28.94	10.39
			For Hot Dip Galvanizing, Add	4.96	
			For High Strength Low Alloy A572-50 Steel, Add	2.60	
			For High Strength Low Alloy A588 Grade B Steel, Add	5.79	
05 12 23 00-0355	LF		M8 x 6.5 A992/A36 Structural Steel.....	20.91	7.50
			For Hot Dip Galvanizing, Add	3.58	
			For High Strength Low Alloy A572-50 Steel, Add	1.88	
			For High Strength Low Alloy A588 Grade B Steel, Add	4.18	
05 12 23 00-0356	LF		M6 x 20 A992/A36 Structural Steel.....	58.56	17.82
			For Hot Dip Galvanizing, Add	11.03	
			For High Strength Low Alloy A572-50 Steel, Add	5.27	
			For High Strength Low Alloy A588 Grade B Steel, Add	11.71	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0357	LF		M6 x 4.4 A992/A36 Structural Steel	14.15	5.07
			For Hot Dip Galvanizing, Add	2.42	
			For High Strength Low Alloy A572-50 Steel, Add	1.27	
			For High Strength Low Alloy A588 Grade B Steel, Add	2.83	
05 12 23 00-0358	LF		M5 x 18.9 A992/A36 Structural Steel	56.52	17.82
			For Hot Dip Galvanizing, Add	10.40	
			For High Strength Low Alloy A572-50 Steel, Add	5.09	
			For High Strength Low Alloy A588 Grade B Steel, Add	11.30	
05 12 23 00-0359	LF		M4 x 13 A992/A36 Structural Steel	46.86	17.50
			For Hot Dip Galvanizing, Add	7.84	
			For High Strength Low Alloy A572-50 Steel, Add	4.22	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.37	
05 12 23 00-0360			A992/A36 Structural Steel, S Shapes (05 12 23 00-0133)		
			Note: Includes material delivery and erection.		
05 12 23 00-0361	LF		S24 x 121 A992/A36 Structural Steel	306.68	74.08
			For Hot Dip Galvanizing, Add	63.19	
			For High Strength Low Alloy A572-50 Steel, Add	27.60	
			For High Strength Low Alloy A588 Grade B Steel, Add	61.34	
05 12 23 00-0362	LF		S24 x 106 A992/A36 Structural Steel	272.32	68.32
			For Hot Dip Galvanizing, Add	55.36	
			For High Strength Low Alloy A572-50 Steel, Add	24.51	
			For High Strength Low Alloy A588 Grade B Steel, Add	54.46	
05 12 23 00-0363	LF		S24 x 100 A992/A36 Structural Steel	260.52	67.83
			For Hot Dip Galvanizing, Add	52.22	
			For High Strength Low Alloy A572-50 Steel, Add	23.45	
			For High Strength Low Alloy A588 Grade B Steel, Add	52.10	
05 12 23 00-0364	LF		S24 x 90 A992/A36 Structural Steel	237.89	64.26
			For Hot Dip Galvanizing, Add	47.00	
			For High Strength Low Alloy A572-50 Steel, Add	21.41	
			For High Strength Low Alloy A588 Grade B Steel, Add	47.58	
05 12 23 00-0365	LF		S24 x 80 A992/A36 Structural Steel	214.65	60.14
			For Hot Dip Galvanizing, Add	41.78	
			For High Strength Low Alloy A572-50 Steel, Add	19.32	
			For High Strength Low Alloy A588 Grade B Steel, Add	42.93	
05 12 23 00-0366	LF		S20 x 96 A992/A36 Structural Steel	250.10	65.12
			For Hot Dip Galvanizing, Add	50.13	
			For High Strength Low Alloy A572-50 Steel, Add	22.51	
			For High Strength Low Alloy A588 Grade B Steel, Add	50.02	
05 12 23 00-0367	LF		S20 x 86 A992/A36 Structural Steel	227.31	61.41
			For Hot Dip Galvanizing, Add	44.91	
			For High Strength Low Alloy A572-50 Steel, Add	20.46	
			For High Strength Low Alloy A588 Grade B Steel, Add	45.46	
05 12 23 00-0368	LF		S20 x 75 A992/A36 Structural Steel	201.24	56.38
			For Hot Dip Galvanizing, Add	39.17	
			For High Strength Low Alloy A572-50 Steel, Add	18.11	
			For High Strength Low Alloy A588 Grade B Steel, Add	40.25	
05 12 23 00-0369	LF		S20 x 66 A992/A36 Structural Steel	179.87	52.22
			For Hot Dip Galvanizing, Add	34.47	
			For High Strength Low Alloy A572-50 Steel, Add	16.19	
			For High Strength Low Alloy A588 Grade B Steel, Add	35.97	
05 12 23 00-0370	LF		S18 x 70 A992/A36 Structural Steel	190.78	55.39
			For Hot Dip Galvanizing, Add	36.56	
			For High Strength Low Alloy A572-50 Steel, Add	17.17	
			For High Strength Low Alloy A588 Grade B Steel, Add	38.16	
05 12 23 00-0371	LF		S18 x 54.7 A992/A36 Structural Steel	151.51	45.55
			For Hot Dip Galvanizing, Add	28.57	
			For High Strength Low Alloy A572-50 Steel, Add	13.64	
			For High Strength Low Alloy A588 Grade B Steel, Add	30.30	
05 12 23 00-0372	LF		S15 x 50 A992/A36 Structural Steel	140.82	43.83
			For Hot Dip Galvanizing, Add	26.11	
			For High Strength Low Alloy A572-50 Steel, Add	12.67	
			For High Strength Low Alloy A588 Grade B Steel, Add	28.16	
05 12 23 00-0373	LF		S15 x 42.9 A992/A36 Structural Steel	122.94	39.59
			For Hot Dip Galvanizing, Add	22.40	
			For High Strength Low Alloy A572-50 Steel, Add	11.06	
			For High Strength Low Alloy A588 Grade B Steel, Add	24.59	
05 12 23 00-0374	LF		S12 x 50 A992/A36 Structural Steel	138.49	41.64
			For Hot Dip Galvanizing, Add	26.11	
			For High Strength Low Alloy A572-50 Steel, Add	12.46	
			For High Strength Low Alloy A588 Grade B Steel, Add	27.70	
05 12 23 00-0375	LF		S12 x 40.8 A992/A36 Structural Steel	114.91	35.77
			For Hot Dip Galvanizing, Add	21.31	
			For High Strength Low Alloy A572-50 Steel, Add	10.34	
			For High Strength Low Alloy A588 Grade B Steel, Add	22.98	
05 12 23 00-0376	LF		S12 x 35 A992/A36 Structural Steel	100.29	32.30
			For Hot Dip Galvanizing, Add	18.28	
			For High Strength Low Alloy A572-50 Steel, Add	9.03	
			For High Strength Low Alloy A588 Grade B Steel, Add	20.06	
05 12 23 00-0377	LF		S12 x 31.8 A992/A36 Structural Steel	92.78	30.89
			For Hot Dip Galvanizing, Add	16.61	
			For High Strength Low Alloy A572-50 Steel, Add	8.35	
			For High Strength Low Alloy A588 Grade B Steel, Add	18.56	



Metals			05	05
Structural Metal Framing			05 10	
Structural Steel Framing			05 12	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 12 23 00-0378	LF	S10 x 35 A992/A36 Structural Steel.....	102.11	34.01
		For Hot Dip Galvanizing, Add	18.28	
		For High Strength Low Alloy A572-50 Steel, Add	9.19	
		For High Strength Low Alloy A588 Grade B Steel, Add	20.42	
05 12 23 00-0379	LF	S10 x 25.4 A992/A36 Structural Steel.....	75.49	25.97
		For Hot Dip Galvanizing, Add	13.26	
		For High Strength Low Alloy A572-50 Steel, Add	6.79	
		For High Strength Low Alloy A588 Grade B Steel, Add	15.10	
05 12 23 00-0380	LF	S8 x 23 A992/A36 Structural Steel.....	68.36	23.52
		For Hot Dip Galvanizing, Add	12.01	
		For High Strength Low Alloy A572-50 Steel, Add	6.15	
		For High Strength Low Alloy A588 Grade B Steel, Add	13.67	
05 12 23 00-0381	LF	S8 x 18.4 A992/A36 Structural Steel.....	55.75	19.81
		For Hot Dip Galvanizing, Add	9.61	
		For High Strength Low Alloy A572-50 Steel, Add	5.02	
		For High Strength Low Alloy A588 Grade B Steel, Add	11.15	
05 12 23 00-0382	LF	S7 x 20 A992/A36 Structural Steel.....	60.59	21.53
		For Hot Dip Galvanizing, Add	10.45	
		For High Strength Low Alloy A572-50 Steel, Add	5.45	
		For High Strength Low Alloy A588 Grade B Steel, Add	12.12	
05 12 23 00-0383	LF	S7 x 15.3 A992/A36 Structural Steel.....	47.28	17.34
		For Hot Dip Galvanizing, Add	7.99	
		For High Strength Low Alloy A572-50 Steel, Add	4.26	
		For High Strength Low Alloy A588 Grade B Steel, Add	9.46	
05 12 23 00-0384	LF	S6 x 17.25 A992/A36 Structural Steel.....	52.40	18.69
		For Hot Dip Galvanizing, Add	9.01	
		For High Strength Low Alloy A572-50 Steel, Add	4.72	
		For High Strength Low Alloy A588 Grade B Steel, Add	10.48	
05 12 23 00-0385	LF	S6 x 12.5 A992/A36 Structural Steel.....	45.11	17.27
		For Hot Dip Galvanizing, Add	7.39	
		For High Strength Low Alloy A572-50 Steel, Add	4.06	
		For High Strength Low Alloy A588 Grade B Steel, Add	9.02	
05 12 23 00-0386	LF	S5 x 14.75 A992/A36 Structural Steel.....	47.90	17.60
		For Hot Dip Galvanizing, Add	8.10	
		For High Strength Low Alloy A572-50 Steel, Add	4.31	
		For High Strength Low Alloy A588 Grade B Steel, Add	9.58	
05 12 23 00-0387	LF	S5 x 10 A992/A36 Structural Steel.....	41.02	17.16
		For Hot Dip Galvanizing, Add	6.29	
		For High Strength Low Alloy A572-50 Steel, Add	3.69	
		For High Strength Low Alloy A588 Grade B Steel, Add	8.20	
05 12 23 00-0388	LF	S4 x 9.5 A992/A36 Structural Steel.....	39.97	17.16
		For Hot Dip Galvanizing, Add	5.99	
		For High Strength Low Alloy A572-50 Steel, Add	3.60	
		For High Strength Low Alloy A588 Grade B Steel, Add	7.99	
05 12 23 00-0389	LF	S4 x 7.7 A992/A36 Structural Steel.....	37.53	17.16
		For Hot Dip Galvanizing, Add	5.35	
		For High Strength Low Alloy A572-50 Steel, Add	3.38	
		For High Strength Low Alloy A588 Grade B Steel, Add	7.51	
05 12 23 00-0390	LF	S3 x 7.5 A992/A36 Structural Steel.....	37.29	17.16
		For Hot Dip Galvanizing, Add	5.28	
		For High Strength Low Alloy A572-50 Steel, Add	3.36	
		For High Strength Low Alloy A588 Grade B Steel, Add	7.46	
05 12 23 00-0391	LF	S3 x 5.7 A992/A36 Structural Steel.....	34.38	17.05
		For Hot Dip Galvanizing, Add	4.50	
		For High Strength Low Alloy A572-50 Steel, Add	3.09	
		For High Strength Low Alloy A588 Grade B Steel, Add	6.88	
05 12 23 00-0392		A992/A36 Structural Steel, HP Shapes (05 12 23 00-0133)		
		Note: Includes material delivery and erection.		
05 12 23 00-0393	LF	HP14 x 117 A992/A36 Structural Steel.....	185.12	21.95
		For Hot Dip Galvanizing, Add	44.88	
		For High Strength Low Alloy A572-50 Steel, Add	16.66	
		For High Strength Low Alloy A588 Grade B Steel, Add	37.02	
05 12 23 00-0394	LF	HP14 x 102 A992/A36 Structural Steel.....	162.17	20.42
		For Hot Dip Galvanizing, Add	38.96	
		For High Strength Low Alloy A572-50 Steel, Add	14.60	
		For High Strength Low Alloy A588 Grade B Steel, Add	32.43	
05 12 23 00-0395	LF	HP14 x 89 A992/A36 Structural Steel.....	144.64	19.16
		For Hot Dip Galvanizing, Add	34.47	
		For High Strength Low Alloy A572-50 Steel, Add	13.02	
		For High Strength Low Alloy A588 Grade B Steel, Add	28.93	
05 12 23 00-0396	LF	HP14 x 73 A992/A36 Structural Steel.....	120.10	18.05
		For Hot Dip Galvanizing, Add	27.99	
		For High Strength Low Alloy A572-50 Steel, Add	10.81	
		For High Strength Low Alloy A588 Grade B Steel, Add	24.02	
05 12 23 00-0397	LF	HP13 x 100 A992/A36 Structural Steel.....	159.01	20.02
		For Hot Dip Galvanizing, Add	38.20	
		For High Strength Low Alloy A572-50 Steel, Add	14.31	
		For High Strength Low Alloy A588 Grade B Steel, Add	31.80	
05 12 23 00-0398	LF	HP13 x 87 A992/A36 Structural Steel.....	141.40	18.73
		For Hot Dip Galvanizing, Add	33.70	
		For High Strength Low Alloy A572-50 Steel, Add	12.73	
		For High Strength Low Alloy A588 Grade B Steel, Add	28.28	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0399	LF		HP13 x 73 A992/A36 Structural Steel	120.10	18.05
			For Hot Dip Galvanizing, Add	27.99	
			For High Strength Low Alloy A572-50 Steel, Add	10.81	
			For High Strength Low Alloy A588 Grade B Steel, Add	24.02	
05 12 23 00-0400	LF		HP13 x 60 A992/A36 Structural Steel	102.09	17.31
			For Hot Dip Galvanizing, Add	23.21	
			For High Strength Low Alloy A572-50 Steel, Add	9.19	
			For High Strength Low Alloy A588 Grade B Steel, Add	20.42	
05 12 23 00-0401	LF		HP12 x 84 A992/A36 Structural Steel	133.73	19.75
			For Hot Dip Galvanizing, Add	31.27	
			For High Strength Low Alloy A572-50 Steel, Add	12.04	
			For High Strength Low Alloy A588 Grade B Steel, Add	26.75	
05 12 23 00-0402	LF		HP12 x 74 A992/A36 Structural Steel	118.33	18.63
			For Hot Dip Galvanizing, Add	27.33	
			For High Strength Low Alloy A572-50 Steel, Add	10.65	
			For High Strength Low Alloy A588 Grade B Steel, Add	23.67	
05 12 23 00-0403	LF		HP12 x 63 A992/A36 Structural Steel	102.04	17.13
			For Hot Dip Galvanizing, Add	23.25	
			For High Strength Low Alloy A572-50 Steel, Add	9.18	
			For High Strength Low Alloy A588 Grade B Steel, Add	20.41	
05 12 23 00-0404	LF		HP12 x 53 A992/A36 Structural Steel	93.66	16.29
			For Hot Dip Galvanizing, Add	21.17	
			For High Strength Low Alloy A572-50 Steel, Add	8.43	
			For High Strength Low Alloy A588 Grade B Steel, Add	18.73	
05 12 23 00-0405	LF		HP10 x 57 A992/A36 Structural Steel	98.60	16.71
			For Hot Dip Galvanizing, Add	22.42	
			For High Strength Low Alloy A572-50 Steel, Add	8.87	
			For High Strength Low Alloy A588 Grade B Steel, Add	19.72	
05 12 23 00-0406	LF		HP10 x 42 A992/A36 Structural Steel	81.56	15.66
			For Hot Dip Galvanizing, Add	18.00	
			For High Strength Low Alloy A572-50 Steel, Add	7.34	
			For High Strength Low Alloy A588 Grade B Steel, Add	16.31	
05 12 23 00-0407	LF		HP8 x 36 A992/A36 Structural Steel	71.10	14.77
			For Hot Dip Galvanizing, Add	15.36	
			For High Strength Low Alloy A572-50 Steel, Add	6.40	
			For High Strength Low Alloy A588 Grade B Steel, Add	14.22	
05 12 23 00-0408			Lightweight Framing Steel Shapes (05 12 23)		
			Note: Includes cutting to length. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
05 12 23 00-0409			Angle Iron - L (05 12 23 00-0408)		
05 12 23 00-0410			1/8" Thick (05 12 23 00-0409)		
05 12 23 00-0411	LF		1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.54	1.50
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.21	
			For >500 To 1,000, Deduct	-0.33	
			For >1,000, Deduct	-0.44	
			For 316 Stainless Steel, Add	1.73	
			For Galvanized Steel, Add	0.33	
			For Aluminum, Add	0.10	
			For 304 Stainless Steel, Add	1.54	
			For High Strength Steel (HSS), Add	0.51	
05 12 23 00-0412	LF		3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.96	1.69
			For >100 To 250, Deduct	-0.17	
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.38	
			For >1,000, Deduct	-0.51	
			For 316 Stainless Steel, Add	2.21	
			For Galvanized Steel, Add	0.43	
			For Aluminum, Add	0.12	
			For 304 Stainless Steel, Add	1.97	
			For High Strength Steel (HSS), Add	0.59	
05 12 23 00-0413	LF		3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.35	1.88
			For >100 To 250, Deduct	-0.19	
			For >250 To 500, Deduct	-0.27	
			For >500 To 1,000, Deduct	-0.42	
			For >1,000, Deduct	-0.56	
			For 316 Stainless Steel, Add	2.72	
			For Galvanized Steel, Add	0.53	
			For Aluminum, Add	0.15	
			For 304 Stainless Steel, Add	2.42	
			For High Strength Steel (HSS), Add	0.67	
05 12 23 00-0414	LF		1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.75	2.09
			For >100 To 250, Deduct	-0.21	
			For >250 To 500, Deduct	-0.30	
			For >500 To 1,000, Deduct	-0.46	
			For >1,000, Deduct	-0.63	
			For 316 Stainless Steel, Add	3.14	
			For Galvanized Steel, Add	0.61	
			For Aluminum, Add	0.18	
			For 304 Stainless Steel, Add	2.79	
			For High Strength Steel (HSS), Add	0.75	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0415	LF		1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	4.14	2.25
			For >100 To 250, Deduct	-0.23	
			For >250 To 500, Deduct	-0.33	
			For >500 To 1,000, Deduct	-0.51	
			For >1,000, Deduct	-0.69	
			For 316 Stainless Steel, Add	3.65	
			For Galvanized Steel, Add	0.71	
			For Aluminum, Add	0.21	
			For 304 Stainless Steel, Add	3.25	
			For High Strength Steel (HSS), Add	0.83	
05 12 23 00-0416	LF		1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	4.98	2.65
			For >100 To 250, Deduct	-0.26	
			For >250 To 500, Deduct	-0.39	
			For >500 To 1,000, Deduct	-0.60	
			For >1,000, Deduct	-0.81	
			For 316 Stainless Steel, Add	4.64	
			For Galvanized Steel, Add	0.90	
			For Aluminum, Add	0.26	
			For 304 Stainless Steel, Add	4.13	
			For High Strength Steel (HSS), Add	1.00	
05 12 23 00-0417	LF		1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	4.98	2.65
			For >100 To 250, Deduct	-0.26	
			For >250 To 500, Deduct	-0.39	
			For >500 To 1,000, Deduct	-0.60	
			For >1,000, Deduct	-0.81	
			For 316 Stainless Steel, Add	4.64	
			For Galvanized Steel, Add	0.90	
			For Aluminum, Add	0.26	
			For 304 Stainless Steel, Add	4.13	
			For High Strength Steel (HSS), Add	1.00	
05 12 23 00-0418	LF		1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	5.97	3.17
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.47	
			For >500 To 1,000, Deduct	-0.72	
			For >1,000, Deduct	-0.98	
			For 316 Stainless Steel, Add	5.57	
			For Galvanized Steel, Add	1.08	
			For Aluminum, Add	0.31	
			For 304 Stainless Steel, Add	4.96	
			For High Strength Steel (HSS), Add	1.19	
05 12 23 00-0419	LF		2" x 2" x 1/8" Thick, Plain Steel Angle Iron.....	8.11	4.31
			For >100 To 250, Deduct	-0.43	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-0.98	
			For >1,000, Deduct	-1.33	
			For 316 Stainless Steel, Add	7.58	
			For Galvanized Steel, Add	1.47	
			For Aluminum, Add	0.43	
			For 304 Stainless Steel, Add	6.75	
			For High Strength Steel (HSS), Add	1.62	
05 12 23 00-0420			3/16" Thick (05 12 23 00-0409)		
05 12 23 00-0421	LF		1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	5.85	2.79
			For >100 To 250, Deduct	-0.28	
			For >250 To 500, Deduct	-0.43	
			For >500 To 1,000, Deduct	-0.67	
			For >1,000, Deduct	-0.91	
			For 316 Stainless Steel, Add	6.78	
			For Galvanized Steel, Add	1.31	
			For Aluminum, Add	0.38	
			For 304 Stainless Steel, Add	6.04	
			For High Strength Steel (HSS), Add	1.17	
05 12 23 00-0422	LF		1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron.....	5.85	2.79
			For >100 To 250, Deduct	-0.28	
			For >250 To 500, Deduct	-0.43	
			For >500 To 1,000, Deduct	-0.67	
			For >1,000, Deduct	-0.91	
			For 316 Stainless Steel, Add	6.78	
			For Galvanized Steel, Add	1.31	
			For Aluminum, Add	0.38	
			For 304 Stainless Steel, Add	6.04	
			For High Strength Steel (HSS), Add	1.17	
05 12 23 00-0423	LF		1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	6.57	3.00
			For >100 To 250, Deduct	-0.30	
			For >250 To 500, Deduct	-0.46	
			For >500 To 1,000, Deduct	-0.73	
			For >1,000, Deduct	-0.99	
			For 316 Stainless Steel, Add	8.26	
			For Galvanized Steel, Add	1.60	
			For Aluminum, Add	0.46	
			For 304 Stainless Steel, Add	7.35	
			For High Strength Steel (HSS), Add	1.31	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0424	LF		2" x 2" x 3/16" Thick, Plain Steel Angle Iron.....	7.79	3.22
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.82	
			For >1,000, Deduct	-1.12	
			For 316 Stainless Steel, Add	11.20	
			For Galvanized Steel, Add	2.17	
			For Aluminum, Add	0.63	
			For 304 Stainless Steel, Add	9.98	
			For High Strength Steel (HSS), Add	1.56	
05 12 23 00-0425	LF		2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron.....	8.54	3.44
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.56	
			For >500 To 1,000, Deduct	-0.89	
			For >1,000, Deduct	-1.21	
			For 316 Stainless Steel, Add	12.64	
			For Galvanized Steel, Add	2.45	
			For Aluminum, Add	0.71	
			For 304 Stainless Steel, Add	11.26	
			For High Strength Steel (HSS), Add	1.71	
05 12 23 00-0426	LF		2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron.....	9.33	3.69
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.60	
			For >500 To 1,000, Deduct	-0.96	
			For >1,000, Deduct	-1.31	
			For 316 Stainless Steel, Add	14.14	
			For Galvanized Steel, Add	2.74	
			For Aluminum, Add	0.80	
			For 304 Stainless Steel, Add	12.60	
			For High Strength Steel (HSS), Add	1.87	
05 12 23 00-0427	LF		3" x 2" x 3/16" Thick, Plain Steel Angle Iron.....	9.31	3.69
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.60	
			For >500 To 1,000, Deduct	-0.96	
			For >1,000, Deduct	-1.31	
			For 316 Stainless Steel, Add	14.08	
			For Galvanized Steel, Add	2.73	
			For Aluminum, Add	0.79	
			For 304 Stainless Steel, Add	12.54	
			For High Strength Steel (HSS), Add	1.86	
05 12 23 00-0428	LF		3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron.....	10.29	4.07
			For >100 To 250, Deduct	-0.41	
			For >250 To 500, Deduct	-0.66	
			For >500 To 1,000, Deduct	-1.06	
			For >1,000, Deduct	-1.45	
			For 316 Stainless Steel, Add	15.55	
			For Galvanized Steel, Add	3.01	
			For Aluminum, Add	0.87	
			For 304 Stainless Steel, Add	13.85	
			For High Strength Steel (HSS), Add	2.06	
05 12 23 00-0429	LF		3" x 3" x 3/16" Thick, Plain Steel Angle Iron.....	11.26	4.46
			For >100 To 250, Deduct	-0.45	
			For >250 To 500, Deduct	-0.73	
			For >500 To 1,000, Deduct	-1.16	
			For >1,000, Deduct	-1.59	
			For 316 Stainless Steel, Add	17.02	
			For Galvanized Steel, Add	3.30	
			For Aluminum, Add	0.96	
			For 304 Stainless Steel, Add	15.16	
			For High Strength Steel (HSS), Add	2.25	
05 12 23 00-0430			1/4" Thick (05 12 23 00-0409)		
05 12 23 00-0431	LF		1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron.....	6.66	2.95
			For >100 To 250, Deduct	-0.30	
			For >250 To 500, Deduct	-0.46	
			For >500 To 1,000, Deduct	-0.73	
			For >1,000, Deduct	-0.99	
			For 316 Stainless Steel, Add	8.70	
			For Galvanized Steel, Add	1.69	
			For Aluminum, Add	0.49	
			For 304 Stainless Steel, Add	7.75	
			For High Strength Steel (HSS), Add	1.33	
05 12 23 00-0432	LF		1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron.....	7.54	3.17
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.51	
			For >500 To 1,000, Deduct	-0.80	
			For >1,000, Deduct	-1.09	
			For 316 Stainless Steel, Add	10.62	
			For Galvanized Steel, Add	2.06	
			For Aluminum, Add	0.60	
			For 304 Stainless Steel, Add	9.46	
			For High Strength Steel (HSS), Add	1.51	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0433	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron.....	9.07	3.37	
		For >100 To 250, Deduct	-0.34		
		For >250 To 500, Deduct	-0.56		
		For >500 To 1,000, Deduct	-0.90		
		For >1,000, Deduct	-1.24		
		For 316 Stainless Steel, Add	14.62		
		For Galvanized Steel, Add	2.83		
		For Aluminum, Add	0.82		
		For 304 Stainless Steel, Add	13.02		
		For High Strength Steel (HSS), Add	1.81		
05 12 23 00-0434	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron.....	10.17	3.74	
		For >100 To 250, Deduct	-0.37		
		For >250 To 500, Deduct	-0.63		
		For >500 To 1,000, Deduct	-1.01		
		For >1,000, Deduct	-1.39		
		For 316 Stainless Steel, Add	16.61		
		For Galvanized Steel, Add	3.22		
		For Aluminum, Add	0.93		
		For 304 Stainless Steel, Add	14.79		
		For High Strength Steel (HSS), Add	2.03		
05 12 23 00-0435	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	11.34	4.09	
		For >100 To 250, Deduct	-0.41		
		For >250 To 500, Deduct	-0.69		
		For >500 To 1,000, Deduct	-1.11		
		For >1,000, Deduct	-1.53		
		For 316 Stainless Steel, Add	18.78		
		For Galvanized Steel, Add	3.64		
		For Aluminum, Add	1.06		
		For 304 Stainless Steel, Add	16.73		
		For High Strength Steel (HSS), Add	2.27		
05 12 23 00-0436	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron.....	11.34	4.09	
		For >100 To 250, Deduct	-0.41		
		For >250 To 500, Deduct	-0.69		
		For >500 To 1,000, Deduct	-1.11		
		For >1,000, Deduct	-1.53		
		For 316 Stainless Steel, Add	18.78		
		For Galvanized Steel, Add	3.64		
		For Aluminum, Add	1.06		
		For 304 Stainless Steel, Add	16.73		
		For High Strength Steel (HSS), Add	2.27		
05 12 23 00-0437	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron.....	12.52	4.55	
		For >100 To 250, Deduct	-0.45		
		For >250 To 500, Deduct	-0.77		
		For >500 To 1,000, Deduct	-1.23		
		For >1,000, Deduct	-1.70		
		For 316 Stainless Steel, Add	20.67		
		For Galvanized Steel, Add	4.01		
		For Aluminum, Add	1.16		
		For 304 Stainless Steel, Add	18.41		
		For High Strength Steel (HSS), Add	2.50		
05 12 23 00-0438	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	13.68	4.99	
		For >100 To 250, Deduct	-0.50		
		For >250 To 500, Deduct	-0.84		
		For >500 To 1,000, Deduct	-1.35		
		For >1,000, Deduct	-1.86		
		For 316 Stainless Steel, Add	22.43		
		For Galvanized Steel, Add	4.35		
		For Aluminum, Add	1.26		
		For 304 Stainless Steel, Add	19.98		
		For High Strength Steel (HSS), Add	2.74		
05 12 23 00-0439	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	14.89	5.38	
		For >100 To 250, Deduct	-0.54		
		For >250 To 500, Deduct	-0.91		
		For >500 To 1,000, Deduct	-1.46		
		For >1,000, Deduct	-2.01		
		For 316 Stainless Steel, Add	24.74		
		For Galvanized Steel, Add	4.79		
		For Aluminum, Add	1.39		
		For 304 Stainless Steel, Add	22.03		
		For High Strength Steel (HSS), Add	2.98		
05 12 23 00-0440	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	15.80	0.56	
		For >100 To 250, Deduct	-0.56		
		For >250 To 500, Deduct	-0.96		
		For >500 To 1,000, Deduct	-1.54		
		For >1,000, Deduct	-2.12		
		For 316 Stainless Steel, Add	26.62		
		For Galvanized Steel, Add	5.16		
		For Aluminum, Add	1.50		
		For 304 Stainless Steel, Add	23.71		
		For High Strength Steel (HSS), Add	3.16		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0441	LF		4" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	15.80	5.61
			For >100 To 250, Deduct	-0.56	
			For >250 To 500, Deduct	-0.96	
			For >500 To 1,000, Deduct	-1.54	
			For >1,000, Deduct	-2.12	
			For 316 Stainless Steel, Add	26.62	
			For Galvanized Steel, Add	5.16	
			For Aluminum, Add	1.50	
			For 304 Stainless Steel, Add	23.71	
			For High Strength Steel (HSS), Add	3.16	
05 12 23 00-0442	LF		4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron.....	16.67	5.85
			For >100 To 250, Deduct	-0.59	
			For >250 To 500, Deduct	-1.00	
			For >500 To 1,000, Deduct	-1.61	
			For >1,000, Deduct	-2.23	
			For 316 Stainless Steel, Add	28.38	
			For Galvanized Steel, Add	5.50	
			For Aluminum, Add	1.60	
			For 304 Stainless Steel, Add	25.28	
			For High Strength Steel (HSS), Add	3.33	
05 12 23 00-0443	LF		4" x 4" x 1/4" Thick, Plain Steel Angle Iron.....	17.60	6.09
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.69	
			For >1,000, Deduct	-2.34	
			For 316 Stainless Steel, Add	30.30	
			For Galvanized Steel, Add	5.87	
			For Aluminum, Add	1.70	
			For 304 Stainless Steel, Add	26.99	
			For High Strength Steel (HSS), Add	3.52	
05 12 23 00-0444	LF		5" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	17.60	6.09
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.69	
			For >1,000, Deduct	-2.34	
			For 316 Stainless Steel, Add	30.30	
			For Galvanized Steel, Add	5.87	
			For Aluminum, Add	1.70	
			For 304 Stainless Steel, Add	26.99	
			For High Strength Steel (HSS), Add	3.52	
05 12 23 00-0445	LF		5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron.....	18.58	6.42
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.11	
			For >500 To 1,000, Deduct	-1.79	
			For >1,000, Deduct	-2.46	
			For 316 Stainless Steel, Add	32.06	
			For Galvanized Steel, Add	6.21	
			For Aluminum, Add	1.80	
			For 304 Stainless Steel, Add	28.56	
			For High Strength Steel (HSS), Add	3.72	
05 12 23 00-0446			5/16" Thick (05 12 23 00-0409)		
05 12 23 00-0447	LF		2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron.....	12.25	4.34
			For >100 To 250, Deduct	-0.43	
			For >250 To 500, Deduct	-0.74	
			For >500 To 1,000, Deduct	-1.19	
			For >1,000, Deduct	-1.64	
			For 316 Stainless Steel, Add	20.67	
			For Galvanized Steel, Add	4.01	
			For Aluminum, Add	1.16	
			For 304 Stainless Steel, Add	18.41	
			For High Strength Steel (HSS), Add	2.45	
05 12 23 00-0448	LF		2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	13.31	4.60
			For >100 To 250, Deduct	-0.46	
			For >250 To 500, Deduct	-0.79	
			For >500 To 1,000, Deduct	-1.28	
			For >1,000, Deduct	-1.77	
			For 316 Stainless Steel, Add	22.94	
			For Galvanized Steel, Add	4.45	
			For Aluminum, Add	1.29	
			For 304 Stainless Steel, Add	20.43	
			For High Strength Steel (HSS), Add	2.66	
05 12 23 00-0449	LF		3" x 2" x 5/16" Thick, Plain Steel Angle Iron.....	13.31	4.60
			For >100 To 250, Deduct	-0.46	
			For >250 To 500, Deduct	-0.79	
			For >500 To 1,000, Deduct	-1.28	
			For >1,000, Deduct	-1.77	
			For 316 Stainless Steel, Add	22.94	
			For Galvanized Steel, Add	4.45	
			For Aluminum, Add	1.29	
			For 304 Stainless Steel, Add	20.43	
			For High Strength Steel (HSS), Add	2.66	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0450	LF		3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	14.76	5.05
			For >100 To 250, Deduct	-0.50	
			For >250 To 500, Deduct	-0.87	
			For >500 To 1,000, Deduct	-1.41	
			For >1,000, Deduct	-1.95	
			For 316 Stainless Steel, Add	25.70	
			For Galvanized Steel, Add	4.98	
			For Aluminum, Add	1.45	
			For 304 Stainless Steel, Add	22.89	
			For High Strength Steel (HSS), Add	2.95	
05 12 23 00-0451	LF		3" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	16.06	5.49
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-0.95	
			For >500 To 1,000, Deduct	-1.53	
			For >1,000, Deduct	-2.12	
			For 316 Stainless Steel, Add	28.00	
			For Galvanized Steel, Add	5.43	
			For Aluminum, Add	1.58	
			For 304 Stainless Steel, Add	24.94	
			For High Strength Steel (HSS), Add	3.21	
05 12 23 00-0452	LF		3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	17.15	5.77
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-1.00	
			For >500 To 1,000, Deduct	-1.63	
			For >1,000, Deduct	-2.25	
			For 316 Stainless Steel, Add	30.30	
			For Galvanized Steel, Add	5.87	
			For Aluminum, Add	1.70	
			For 304 Stainless Steel, Add	26.99	
			For High Strength Steel (HSS), Add	3.43	
05 12 23 00-0453	LF		3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	18.37	6.05
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.73	
			For >1,000, Deduct	-2.39	
			For 316 Stainless Steel, Add	32.96	
			For Galvanized Steel, Add	6.39	
			For Aluminum, Add	1.85	
			For 304 Stainless Steel, Add	29.36	
			For High Strength Steel (HSS), Add	3.67	
05 12 23 00-0454	LF		4" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	18.37	6.05
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.73	
			For >1,000, Deduct	-2.39	
			For 316 Stainless Steel, Add	32.96	
			For Galvanized Steel, Add	6.39	
			For Aluminum, Add	1.85	
			For 304 Stainless Steel, Add	29.36	
			For High Strength Steel (HSS), Add	3.67	
05 12 23 00-0455	LF		4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	19.55	6.39
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.13	
			For >500 To 1,000, Deduct	-1.83	
			For >1,000, Deduct	-2.53	
			For 316 Stainless Steel, Add	35.26	
			For Galvanized Steel, Add	6.83	
			For Aluminum, Add	1.98	
			For 304 Stainless Steel, Add	31.41	
			For High Strength Steel (HSS), Add	3.91	
05 12 23 00-0456	LF		4" x 4" x 5/16" Thick, Plain Steel Angle Iron.....	20.67	6.68
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.92	
			For >1,000, Deduct	-2.66	
			For 316 Stainless Steel, Add	37.63	
			For Galvanized Steel, Add	7.29	
			For Aluminum, Add	2.12	
			For 304 Stainless Steel, Add	33.52	
			For High Strength Steel (HSS), Add	4.13	
05 12 23 00-0457	LF		5" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	20.67	6.68
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.92	
			For >1,000, Deduct	-2.66	
			For 316 Stainless Steel, Add	37.63	
			For Galvanized Steel, Add	7.29	
			For Aluminum, Add	2.12	
			For 304 Stainless Steel, Add	33.52	
			For High Strength Steel (HSS), Add	4.13	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0458	LF		5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	21.73	6.96
			For >100 To 250, Deduct	-0.70	
			For >250 To 500, Deduct	-1.24	
			For >500 To 1,000, Deduct	-2.01	
			For >1,000, Deduct	-2.79	
			For 316 Stainless Steel, Add	39.84	
			For Galvanized Steel, Add	7.72	
			For Aluminum, Add	2.24	
			For 304 Stainless Steel, Add	35.48	
			For High Strength Steel (HSS), Add	4.35	
05 12 23 00-0459	LF		5" x 5" x 5/16" Thick, Plain Steel Angle Iron.....	24.45	7.25
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.34	
			For >500 To 1,000, Deduct	-2.19	
			For >1,000, Deduct	-3.04	
			For 316 Stainless Steel, Add	47.30	
			For Galvanized Steel, Add	9.16	
			For Aluminum, Add	2.66	
			For 304 Stainless Steel, Add	42.12	
			For High Strength Steel (HSS), Add	4.89	
05 12 23 00-0460	LF		6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	24.10	7.55
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.36	
			For >500 To 1,000, Deduct	-2.21	
			For >1,000, Deduct	-3.07	
			For 316 Stainless Steel, Add	44.86	
			For Galvanized Steel, Add	8.69	
			For Aluminum, Add	2.52	
			For 304 Stainless Steel, Add	39.96	
			For High Strength Steel (HSS), Add	4.82	
05 12 23 00-0461			3/8" Thick (05 12 23 00-0409)		
05 12 23 00-0462	LF		3" x 2" x 3/8" Thick, Plain Steel Angle Iron.....	14.86	4.82
			For >100 To 250, Deduct	-0.48	
			For >250 To 500, Deduct	-0.85	
			For >500 To 1,000, Deduct	-1.39	
			For >1,000, Deduct	-1.92	
			For 316 Stainless Steel, Add	27.01	
			For Galvanized Steel, Add	5.23	
			For Aluminum, Add	1.52	
			For 304 Stainless Steel, Add	24.05	
			For High Strength Steel (HSS), Add	2.97	
05 12 23 00-0463	LF		3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron.....	16.43	5.22
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.93	
			For >500 To 1,000, Deduct	-1.52	
			For >1,000, Deduct	-2.10	
			For 316 Stainless Steel, Add	30.30	
			For Galvanized Steel, Add	5.87	
			For Aluminum, Add	1.70	
			For 304 Stainless Steel, Add	26.99	
			For High Strength Steel (HSS), Add	3.29	
05 12 23 00-0464	LF		3" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	17.79	5.62
			For >100 To 250, Deduct	-0.56	
			For >250 To 500, Deduct	-1.01	
			For >500 To 1,000, Deduct	-1.64	
			For >1,000, Deduct	-2.27	
			For 316 Stainless Steel, Add	32.96	
			For Galvanized Steel, Add	6.39	
			For Aluminum, Add	1.85	
			For 304 Stainless Steel, Add	29.36	
			For High Strength Steel (HSS), Add	3.56	
05 12 23 00-0465	LF		3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	19.03	5.78
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.72	
			For >1,000, Deduct	-2.39	
			For 316 Stainless Steel, Add	36.26	
			For Galvanized Steel, Add	7.02	
			For Aluminum, Add	2.04	
			For 304 Stainless Steel, Add	32.29	
			For High Strength Steel (HSS), Add	3.81	
05 12 23 00-0466	LF		3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron.....	20.28	6.09
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.83	
			For >1,000, Deduct	-2.54	
			For 316 Stainless Steel, Add	38.91	
			For Galvanized Steel, Add	7.54	
			For Aluminum, Add	2.19	
			For 304 Stainless Steel, Add	34.66	
			For High Strength Steel (HSS), Add	4.06	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0467	LF		4" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	20.28	6.09
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.83	
			For >1,000, Deduct	-2.54	
			For 316 Stainless Steel, Add	38.91	
			For Galvanized Steel, Add	7.54	
			For Aluminum, Add	2.19	
			For 304 Stainless Steel, Add	34.66	
			For High Strength Steel (HSS), Add	4.06	
05 12 23 00-0468	LF		4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron.....	21.87	6.64
			For >100 To 250, Deduct	-0.66	
			For >250 To 500, Deduct	-1.21	
			For >500 To 1,000, Deduct	-1.98	
			For >1,000, Deduct	-2.75	
			For 316 Stainless Steel, Add	41.66	
			For Galvanized Steel, Add	8.07	
			For Aluminum, Add	2.34	
			For 304 Stainless Steel, Add	37.11	
			For High Strength Steel (HSS), Add	4.37	
05 12 23 00-0469	LF		4" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	23.13	6.83
			For >100 To 250, Deduct	-0.68	
			For >250 To 500, Deduct	-1.26	
			For >500 To 1,000, Deduct	-2.07	
			For >1,000, Deduct	-2.87	
			For 316 Stainless Steel, Add	44.86	
			For Galvanized Steel, Add	8.69	
			For Aluminum, Add	2.52	
			For 304 Stainless Steel, Add	39.96	
			For High Strength Steel (HSS), Add	4.63	
05 12 23 00-0470	LF		5" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	23.49	7.10
			For >100 To 250, Deduct	-0.71	
			For >250 To 500, Deduct	-1.30	
			For >500 To 1,000, Deduct	-2.12	
			For >1,000, Deduct	-2.95	
			For 316 Stainless Steel, Add	44.86	
			For Galvanized Steel, Add	8.69	
			For Aluminum, Add	2.52	
			For 304 Stainless Steel, Add	39.96	
			For High Strength Steel (HSS), Add	4.70	
05 12 23 00-0471	LF		5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron.....	25.09	7.65
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.39	
			For >500 To 1,000, Deduct	-2.28	
			For >1,000, Deduct	-3.16	
			For 316 Stainless Steel, Add	47.62	
			For Galvanized Steel, Add	9.23	
			For Aluminum, Add	2.68	
			For 304 Stainless Steel, Add	42.41	
			For High Strength Steel (HSS), Add	5.02	
05 12 23 00-0472	LF		5" x 5" x 3/8" Thick, Plain Steel Angle Iron.....	29.54	8.92
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.63	
			For >500 To 1,000, Deduct	-2.67	
			For >1,000, Deduct	-3.70	
			For 316 Stainless Steel, Add	56.48	
			For Galvanized Steel, Add	10.94	
			For Aluminum, Add	3.18	
			For 304 Stainless Steel, Add	50.30	
			For High Strength Steel (HSS), Add	5.91	
05 12 23 00-0473	LF		6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron.....	27.79	8.29
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.52	
			For >500 To 1,000, Deduct	-2.49	
			For >1,000, Deduct	-3.47	
			For 316 Stainless Steel, Add	53.57	
			For Galvanized Steel, Add	10.38	
			For Aluminum, Add	3.01	
			For 304 Stainless Steel, Add	47.71	
			For High Strength Steel (HSS), Add	5.56	
05 12 23 00-0474	LF		6" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	29.54	8.92
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.63	
			For >500 To 1,000, Deduct	-2.67	
			For >1,000, Deduct	-3.70	
			For 316 Stainless Steel, Add	56.48	
			For Galvanized Steel, Add	10.94	
			For Aluminum, Add	3.18	
			For 304 Stainless Steel, Add	50.30	
			For High Strength Steel (HSS), Add	5.91	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0475	LF		6" x 6" x 3/8" Thick, Plain Steel Angle Iron.....	35.65	10.71
			For >100 To 250, Deduct	-1.07	
			For >250 To 500, Deduct	-1.96	
			For >500 To 1,000, Deduct	-3.21	
			For >1,000, Deduct	-4.46	
			For 316 Stainless Steel, Add	68.42	
			For Galvanized Steel, Add	13.26	
			For Aluminum, Add	3.85	
			For 304 Stainless Steel, Add	60.93	
			For High Strength Steel (HSS), Add	7.13	
05 12 23 00-0476	LF		7" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	32.60	9.81
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.80	
			For >500 To 1,000, Deduct	-2.94	
			For >1,000, Deduct	-4.08	
			For 316 Stainless Steel, Add	62.43	
			For Galvanized Steel, Add	12.10	
			For Aluminum, Add	3.51	
			For 304 Stainless Steel, Add	55.60	
			For High Strength Steel (HSS), Add	6.52	
05 12 23 00-0477			1/2" Thick (05 12 23 00-0409)		
05 12 23 00-0478	LF		3" x 3" x 1/2" Thick, Plain Steel Angle Iron.....	21.14	5.74
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-1.10	
			For >500 To 1,000, Deduct	-1.82	
			For >1,000, Deduct	-2.54	
			For 316 Stainless Steel, Add	43.17	
			For Galvanized Steel, Add	8.36	
			For Aluminum, Add	2.43	
			For 304 Stainless Steel, Add	38.45	
			For High Strength Steel (HSS), Add	4.23	
05 12 23 00-0479	LF		4" x 3" x 1/2" Thick, Plain Steel Angle Iron.....	24.97	6.79
			For >100 To 250, Deduct	-0.68	
			For >250 To 500, Deduct	-1.30	
			For >500 To 1,000, Deduct	-2.15	
			For >1,000, Deduct	-3.00	
			For 316 Stainless Steel, Add	50.94	
			For Galvanized Steel, Add	9.87	
			For Aluminum, Add	2.87	
			For 304 Stainless Steel, Add	45.37	
			For High Strength Steel (HSS), Add	4.99	
05 12 23 00-0480	LF		4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron.....	26.76	7.27
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.40	
			For >500 To 1,000, Deduct	-2.31	
			For >1,000, Deduct	-3.22	
			For 316 Stainless Steel, Add	54.62	
			For Galvanized Steel, Add	10.58	
			For Aluminum, Add	3.07	
			For 304 Stainless Steel, Add	48.65	
			For High Strength Steel (HSS), Add	5.35	
05 12 23 00-0481	LF		4" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	28.79	7.83
			For >100 To 250, Deduct	-0.78	
			For >250 To 500, Deduct	-1.50	
			For >500 To 1,000, Deduct	-2.48	
			For >1,000, Deduct	-3.46	
			For 316 Stainless Steel, Add	58.75	
			For Galvanized Steel, Add	11.38	
			For Aluminum, Add	3.30	
			For 304 Stainless Steel, Add	52.33	
			For High Strength Steel (HSS), Add	5.76	
05 12 23 00-0482	LF		5" x 3" x 1/2" Thick, Plain Steel Angle Iron.....	28.79	7.83
			For >100 To 250, Deduct	-0.78	
			For >250 To 500, Deduct	-1.50	
			For >500 To 1,000, Deduct	-2.48	
			For >1,000, Deduct	-3.46	
			For 316 Stainless Steel, Add	58.75	
			For Galvanized Steel, Add	11.38	
			For Aluminum, Add	3.30	
			For 304 Stainless Steel, Add	52.33	
			For High Strength Steel (HSS), Add	5.76	
05 12 23 00-0483	LF		5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron.....	30.58	8.31
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.59	
			For >500 To 1,000, Deduct	-2.64	
			For >1,000, Deduct	-3.68	
			For 316 Stainless Steel, Add	62.43	
			For Galvanized Steel, Add	12.10	
			For Aluminum, Add	3.51	
			For 304 Stainless Steel, Add	55.60	
			For High Strength Steel (HSS), Add	6.12	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0484	LF		5" x 5" x 1/2" Thick, Plain Steel Angle Iron.....	36.44	9.89
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.90	
			For >500 To 1,000, Deduct	-3.14	
			For >1,000, Deduct	-4.38	
			For 316 Stainless Steel, Add	74.37	
			For Galvanized Steel, Add	14.41	
			For Aluminum, Add	4.18	
			For 304 Stainless Steel, Add	66.23	
			For High Strength Steel (HSS), Add	7.29	
05 12 23 00-0485	LF		6" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	36.44	9.89
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.90	
			For >500 To 1,000, Deduct	-3.14	
			For >1,000, Deduct	-4.38	
			For 316 Stainless Steel, Add	74.37	
			For Galvanized Steel, Add	14.41	
			For Aluminum, Add	4.18	
			For 304 Stainless Steel, Add	66.23	
			For High Strength Steel (HSS), Add	7.29	
05 12 23 00-0486	LF		6" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	44.07	11.97
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-2.30	
			For >500 To 1,000, Deduct	-3.80	
			For >1,000, Deduct	-5.30	
			For 316 Stainless Steel, Add	89.95	
			For Galvanized Steel, Add	17.43	
			For Aluminum, Add	5.06	
			For 304 Stainless Steel, Add	80.11	
			For High Strength Steel (HSS), Add	8.81	
05 12 23 00-0487	LF		7" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	40.25	10.93
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.10	
			For >500 To 1,000, Deduct	-3.47	
			For >1,000, Deduct	-4.84	
			For 316 Stainless Steel, Add	82.14	
			For Galvanized Steel, Add	15.92	
			For Aluminum, Add	4.62	
			For 304 Stainless Steel, Add	73.16	
			For High Strength Steel (HSS), Add	8.05	
05 12 23 00-0488	LF		8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	44.07	11.97
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-2.30	
			For >500 To 1,000, Deduct	-3.80	
			For >1,000, Deduct	-5.30	
			For 316 Stainless Steel, Add	89.95	
			For Galvanized Steel, Add	17.43	
			For Aluminum, Add	5.06	
			For 304 Stainless Steel, Add	80.11	
			For High Strength Steel (HSS), Add	8.81	
05 12 23 00-0489	LF		8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	51.74	14.06
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-2.70	
			For >500 To 1,000, Deduct	-4.46	
			For >1,000, Deduct	-6.22	
			For 316 Stainless Steel, Add	105.60	
			For Galvanized Steel, Add	20.46	
			For Aluminum, Add	5.94	
			For 304 Stainless Steel, Add	94.05	
			For High Strength Steel (HSS), Add	10.35	
05 12 23 00-0490	LF		8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....	59.38	16.13
			For >100 To 250, Deduct	-1.61	
			For >250 To 500, Deduct	-3.10	
			For >500 To 1,000, Deduct	-5.12	
			For >1,000, Deduct	-7.14	
			For 316 Stainless Steel, Add	121.18	
			For Galvanized Steel, Add	23.48	
			For Aluminum, Add	6.82	
			For 304 Stainless Steel, Add	107.93	
			For High Strength Steel (HSS), Add	11.88	
05 12 23 00-0491			5/8" Thick (05 12 23 00-0409)		
05 12 23 00-0492	LF		4" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	34.47	8.97
			For >100 To 250, Deduct	-0.90	
			For >250 To 500, Deduct	-1.76	
			For >500 To 1,000, Deduct	-2.92	
			For >1,000, Deduct	-4.08	
			For 316 Stainless Steel, Add	72.06	
			For Galvanized Steel, Add	13.96	
			For Aluminum, Add	4.05	
			For High Strength Steel (HSS), Add	6.89	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0493	LF		5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron.....	36.90	9.59
			For >100 To 250, Deduct	-0.96	
			For >250 To 500, Deduct	-1.88	
			For >500 To 1,000, Deduct	-3.12	
			For >1,000, Deduct	-4.37	
			For 316 Stainless Steel, Add	77.15	
			For Galvanized Steel, Add	14.95	
			For Aluminum, Add	4.34	
			For High Strength Steel (HSS), Add	7.38	
05 12 23 00-0494	LF		5" x 5" x 5/8" Thick, Plain Steel Angle Iron.....	43.92	11.42
			For >100 To 250, Deduct	-1.14	
			For >250 To 500, Deduct	-2.24	
			For >500 To 1,000, Deduct	-3.72	
			For >1,000, Deduct	-5.20	
			For 316 Stainless Steel, Add	91.81	
			For Galvanized Steel, Add	17.79	
			For Aluminum, Add	5.16	
			For High Strength Steel (HSS), Add	8.78	
05 12 23 00-0495	LF		6" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	43.92	11.42
			For >100 To 250, Deduct	-1.14	
			For >250 To 500, Deduct	-2.24	
			For >500 To 1,000, Deduct	-3.72	
			For >1,000, Deduct	-5.20	
			For 316 Stainless Steel, Add	91.81	
			For Galvanized Steel, Add	17.79	
			For Aluminum, Add	5.16	
			For High Strength Steel (HSS), Add	8.78	
05 12 23 00-0496	LF		6" x 6" x 5/8" Thick, Plain Steel Angle Iron.....	53.15	13.82
			For >100 To 250, Deduct	-1.38	
			For >250 To 500, Deduct	-2.71	
			For >500 To 1,000, Deduct	-4.50	
			For >1,000, Deduct	-6.29	
			For 316 Stainless Steel, Add	111.10	
			For Galvanized Steel, Add	21.53	
			For Aluminum, Add	6.25	
			For High Strength Steel (HSS), Add	10.63	
05 12 23 00-0497	LF		7" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	48.52	12.62
			For >100 To 250, Deduct	-1.26	
			For >250 To 500, Deduct	-2.47	
			For >500 To 1,000, Deduct	-4.11	
			For >1,000, Deduct	-5.74	
			For 316 Stainless Steel, Add	101.44	
			For Galvanized Steel, Add	19.65	
			For Aluminum, Add	5.71	
			For High Strength Steel (HSS), Add	9.70	
05 12 23 00-0498	LF		8" x 6" x 5/8" Thick, Plain Steel Angle Iron.....	62.58	16.28
			For >100 To 250, Deduct	-1.63	
			For >250 To 500, Deduct	-3.19	
			For >500 To 1,000, Deduct	-5.30	
			For >1,000, Deduct	-7.41	
			For 316 Stainless Steel, Add	130.82	
			For Galvanized Steel, Add	25.35	
			For Aluminum, Add	7.36	
			For High Strength Steel (HSS), Add	12.52	
05 12 23 00-0499	LF		8" x 8" x 5/8" Thick, Plain Steel Angle Iron.....	71.82	18.67
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-3.66	
			For >500 To 1,000, Deduct	-6.08	
			For >1,000, Deduct	-8.50	
			For 316 Stainless Steel, Add	150.14	
			For Galvanized Steel, Add	29.09	
			For Aluminum, Add	8.45	
			For High Strength Steel (HSS), Add	14.36	
05 12 23 00-0500			3/4" Thick (05 12 23 00-0409)		
05 12 23 00-0501	LF		4" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	39.76	9.90
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.98	
			For >500 To 1,000, Deduct	-3.31	
			For >1,000, Deduct	-4.63	
			For 316 Stainless Steel, Add	84.96	
			For Galvanized Steel, Add	16.46	
			For Aluminum, Add	4.78	
			For High Strength Steel (HSS), Add	7.95	
05 12 23 00-0502	LF		5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron.....	42.53	10.60
			For >100 To 250, Deduct	-1.06	
			For >250 To 500, Deduct	-2.12	
			For >500 To 1,000, Deduct	-3.54	
			For >1,000, Deduct	-4.96	
			For 316 Stainless Steel, Add	90.88	
			For Galvanized Steel, Add	17.61	
			For Aluminum, Add	5.11	
			For High Strength Steel (HSS), Add	8.51	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0503	LF		5" x 5" x 3/4" Thick, Plain Steel Angle Iron.....	50.70	12.64
			For >100 To 250, Deduct	-1.26	
			For >250 To 500, Deduct	-2.53	
			For >500 To 1,000, Deduct	-4.22	
			For >1,000, Deduct	-5.91	
			For 316 Stainless Steel, Add	108.35	
			For Galvanized Steel, Add	20.99	
			For Aluminum, Add	6.09	
			For High Strength Steel (HSS), Add	10.14	
05 12 23 00-0504	LF		6" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	50.70	12.64
			For >100 To 250, Deduct	-1.26	
			For >250 To 500, Deduct	-2.53	
			For >500 To 1,000, Deduct	-4.22	
			For >1,000, Deduct	-5.91	
			For 316 Stainless Steel, Add	108.35	
			For Galvanized Steel, Add	20.99	
			For Aluminum, Add	6.09	
			For High Strength Steel (HSS), Add	10.14	
05 12 23 00-0505	LF		6" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	61.66	15.36
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-5.13	
			For >1,000, Deduct	-7.19	
			For 316 Stainless Steel, Add	131.74	
			For Galvanized Steel, Add	25.53	
			For Aluminum, Add	7.41	
			For High Strength Steel (HSS), Add	12.33	
05 12 23 00-0506	LF		7" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	56.28	14.03
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-2.81	
			For >500 To 1,000, Deduct	-4.68	
			For >1,000, Deduct	-6.56	
			For 316 Stainless Steel, Add	120.26	
			For Galvanized Steel, Add	23.30	
			For Aluminum, Add	6.76	
			For High Strength Steel (HSS), Add	11.26	
05 12 23 00-0507	LF		8" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	61.66	15.36
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-5.13	
			For >1,000, Deduct	-7.19	
			For 316 Stainless Steel, Add	131.74	
			For Galvanized Steel, Add	25.53	
			For Aluminum, Add	7.41	
			For High Strength Steel (HSS), Add	12.33	
05 12 23 00-0508	LF		8" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	72.62	18.09
			For >100 To 250, Deduct	-1.81	
			For >250 To 500, Deduct	-3.62	
			For >500 To 1,000, Deduct	-6.04	
			For >1,000, Deduct	-8.46	
			For 316 Stainless Steel, Add	155.20	
			For Galvanized Steel, Add	30.07	
			For Aluminum, Add	8.73	
			For High Strength Steel (HSS), Add	14.52	
05 12 23 00-0509	LF		8" x 8" x 3/4" Thick, Plain Steel Angle Iron.....	83.58	20.83
			For >100 To 250, Deduct	-2.08	
			For >250 To 500, Deduct	-4.17	
			For >500 To 1,000, Deduct	-6.96	
			For >1,000, Deduct	-9.74	
			For 316 Stainless Steel, Add	178.59	
			For Galvanized Steel, Add	34.60	
			For Aluminum, Add	10.05	
			For High Strength Steel (HSS), Add	16.72	
05 12 23 00-0510			7/8" Thick (05 12 23 00-0409)		
05 12 23 00-0511	LF		5" x 5" x 7/8" Thick, Plain Steel Angle Iron.....	57.13	13.59
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.79	
			For >500 To 1,000, Deduct	-4.67	
			For >1,000, Deduct	-6.55	
			For 316 Stainless Steel, Add	124.83	
			For Galvanized Steel, Add	24.19	
			For Aluminum, Add	7.02	
			For High Strength Steel (HSS), Add	11.43	
05 12 23 00-0512	LF		6" x 4" x 7/8" Thick, Plain Steel Angle Iron.....	57.13	13.59
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.79	
			For >500 To 1,000, Deduct	-4.67	
			For >1,000, Deduct	-6.55	
			For 316 Stainless Steel, Add	124.83	
			For Galvanized Steel, Add	24.19	
			For Aluminum, Add	7.02	
			For High Strength Steel (HSS), Add	11.43	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0513	LF		6" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	69.54	16.54
			For >100 To 250, Deduct	-1.65	
			For >250 To 500, Deduct	-3.39	
			For >500 To 1,000, Deduct	-5.68	
			For >1,000, Deduct	-7.97	
			For 316 Stainless Steel, Add	151.97	
			For Galvanized Steel, Add	29.44	
			For Aluminum, Add	8.55	
			For High Strength Steel (HSS), Add	13.91	
05 12 23 00-0514	LF		8" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	82.15	19.53
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-4.01	
			For >500 To 1,000, Deduct	-6.71	
			For >1,000, Deduct	-9.42	
			For 316 Stainless Steel, Add	179.52	
			For Galvanized Steel, Add	34.78	
			For Aluminum, Add	10.10	
			For High Strength Steel (HSS), Add	16.43	
05 12 23 00-0515	LF		8" x 8" x 7/8" Thick, Plain Steel Angle Iron.....	94.52	22.49
			For >100 To 250, Deduct	-2.25	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.72	
			For >1,000, Deduct	-10.84	
			For 316 Stainless Steel, Add	206.56	
			For Galvanized Steel, Add	40.02	
			For Aluminum, Add	11.62	
			For High Strength Steel (HSS), Add	18.90	
05 12 23 00-0516 Bar Channel (05 12 23 00-0408)					
05 12 23 00-0517	LF		1" x 1/2" x 1/8" Thick Bar Channel	4.56	
			For 316 Stainless Steel, Add	4.99	
			For Galvanized Steel, Add	0.97	
			For Aluminum, Add	0.28	
			For 304 Stainless Steel, Add	4.45	
			For High Strength Steel (HSS), Add	0.91	
05 12 23 00-0518	LF		1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.14	
			For 316 Stainless Steel, Add	5.98	
			For Galvanized Steel, Add	1.16	
			For Aluminum, Add	0.34	
			For 304 Stainless Steel, Add	5.33	
			For High Strength Steel (HSS), Add	1.03	
05 12 23 00-0519	LF		1-1/2" x 1/2" x 1/8" Thick Bar Channel	5.60	
			For 316 Stainless Steel, Add	6.62	
			For Galvanized Steel, Add	1.28	
			For Aluminum, Add	0.37	
			For 304 Stainless Steel, Add	5.90	
			For High Strength Steel (HSS), Add	1.12	
05 12 23 00-0520	LF		1-1/2" x 3/4" x 1/8" Thick Bar Channel	6.39	
			For 316 Stainless Steel, Add	6.91	
			For Galvanized Steel, Add	1.34	
			For Aluminum, Add	0.39	
			For 304 Stainless Steel, Add	6.16	
			For High Strength Steel (HSS), Add	1.28	
05 12 23 00-0521	LF		2" x 1/2" x 1/8" Thick Bar Channel	6.87	
			For 316 Stainless Steel, Add	8.45	
			For Galvanized Steel, Add	1.64	
			For Aluminum, Add	0.48	
			For 304 Stainless Steel, Add	7.52	
05 12 23 00-0522	LF		2" x 1" x 1/8" Thick Bar Channel	8.98	
			For 316 Stainless Steel, Add	9.44	
			For Galvanized Steel, Add	1.83	
			For Aluminum, Add	0.53	
			For 304 Stainless Steel, Add	8.41	
05 12 23 00-0523 Channels - C (05 12 23 00-0408)					
05 12 23 00-0524	LF		C2 x 1.78 - 2" Wide Channel	7.47	3.72
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.56	
			For >500 To 1,000, Deduct	-0.87	
			For >1,000, Deduct	-1.18	
			For 316 Stainless Steel, Add	8.03	
			For Galvanized Steel, Add	1.56	
			For Aluminum, Add	0.45	
			For 304 Stainless Steel, Add	7.15	
05 12 23 00-0525	LF		C3 x 4.1 - 3" Wide Channel	13.02	5.35
			For >100 To 250, Deduct	-0.54	
			For >250 To 500, Deduct	-0.86	
			For >500 To 1,000, Deduct	-1.37	
			For >1,000, Deduct	-1.87	
			For 316 Stainless Steel, Add	18.82	
			For Galvanized Steel, Add	3.65	
			For Aluminum, Add	1.06	
			For 304 Stainless Steel, Add	16.76	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0526	LF	C3 x 5 - 3" Wide Channel.....	15.87	6.53
		For >100 To 250, Deduct	-0.65	
		For >250 To 500, Deduct	-1.05	
		For >500 To 1,000, Deduct	-1.66	
		For >1,000, Deduct	-2.28	
		For 316 Stainless Steel, Add	22.94	
		For Galvanized Steel, Add	4.45	
		For Aluminum, Add	1.29	
		For 304 Stainless Steel, Add	20.43	
05 12 23 00-0527	LF	C3 x 6 - 3" Wide Channel.....	19.06	7.84
		For >100 To 250, Deduct	-0.78	
		For >250 To 500, Deduct	-1.26	
		For >500 To 1,000, Deduct	-2.00	
		For >1,000, Deduct	-2.74	
		For 316 Stainless Steel, Add	27.55	
		For Galvanized Steel, Add	5.34	
		For Aluminum, Add	1.55	
		For 304 Stainless Steel, Add	24.54	
05 12 23 00-0528	LF	C4 x 5.4 - 4" Wide Channel.....	16.31	6.42
		For >100 To 250, Deduct	-0.64	
		For >250 To 500, Deduct	-1.05	
		For >500 To 1,000, Deduct	-1.67	
		For >1,000, Deduct	-2.29	
		For 316 Stainless Steel, Add	24.80	
		For Galvanized Steel, Add	4.81	
		For Aluminum, Add	1.40	
		For 304 Stainless Steel, Add	22.09	
05 12 23 00-0529	LF	C4 x 7.25 - 4" Wide Channel.....	21.90	8.62
		For >100 To 250, Deduct	-0.86	
		For >250 To 500, Deduct	-1.41	
		For >500 To 1,000, Deduct	-2.25	
		For >1,000, Deduct	-3.08	
		For 316 Stainless Steel, Add	33.28	
		For Galvanized Steel, Add	6.45	
		For Aluminum, Add	1.87	
		For 304 Stainless Steel, Add	29.64	
05 12 23 00-0530	LF	C5 x 6.7 - 5" Wide Channel.....	19.60	7.49
		For >100 To 250, Deduct	-0.75	
		For >250 To 500, Deduct	-1.24	
		For >500 To 1,000, Deduct	-1.98	
		For >1,000, Deduct	-2.72	
		For 316 Stainless Steel, Add	30.75	
		For Galvanized Steel, Add	5.96	
		For Aluminum, Add	1.73	
		For 304 Stainless Steel, Add	27.39	
05 12 23 00-0531	LF	C5 x 9 - 5" Wide Channel.....	26.33	10.06
		For >100 To 250, Deduct	-1.01	
		For >250 To 500, Deduct	-1.66	
		For >500 To 1,000, Deduct	-2.66	
		For >1,000, Deduct	-3.65	
		For 316 Stainless Steel, Add	41.31	
		For Galvanized Steel, Add	8.00	
		For Aluminum, Add	2.32	
		For 304 Stainless Steel, Add	36.79	
05 12 23 00-0532	LF	C6 x 8.2 - 6" Wide Channel.....	23.75	9.00
		For >100 To 250, Deduct	-0.90	
		For >250 To 500, Deduct	-1.49	
		For >500 To 1,000, Deduct	-2.39	
		For >1,000, Deduct	-3.28	
		For 316 Stainless Steel, Add	37.63	
		For Galvanized Steel, Add	7.29	
		For Aluminum, Add	2.12	
		For 304 Stainless Steel, Add	33.52	
05 12 23 00-0533	LF	C6 x 10.5 - 6" Wide Channel.....	30.41	11.52
		For >100 To 250, Deduct	-1.15	
		For >250 To 500, Deduct	-1.91	
		For >500 To 1,000, Deduct	-3.06	
		For >1,000, Deduct	-4.20	
		For 316 Stainless Steel, Add	48.19	
		For Galvanized Steel, Add	9.34	
		For Aluminum, Add	2.71	
		For 304 Stainless Steel, Add	42.92	
05 12 23 00-0534	LF	C6 x 13 - 6" Wide Channel.....	37.66	14.26
		For >100 To 250, Deduct	-1.43	
		For >250 To 500, Deduct	-2.37	
		For >500 To 1,000, Deduct	-3.78	
		For >1,000, Deduct	-5.20	
		For 316 Stainless Steel, Add	59.68	
		For Galvanized Steel, Add	11.56	
		For Aluminum, Add	3.36	
		For 304 Stainless Steel, Add	53.15	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0535	LF		C7 x 9.8 - 7" Wide Channel.....	28.34	10.71
			For >100 To 250, Deduct	-1.07	
			For >250 To 500, Deduct	-1.78	
			For >500 To 1,000, Deduct	-2.85	
			For >1,000, Deduct	-3.91	
			For 316 Stainless Steel, Add	44.99	
			For Galvanized Steel, Add	8.72	
			For Aluminum, Add	2.53	
			For 304 Stainless Steel, Add	40.07	
05 12 23 00-0536	LF		C7 x 12.25 - 7" Wide Channel.....	35.41	13.38
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-2.22	
			For >500 To 1,000, Deduct	-3.55	
			For >1,000, Deduct	-4.89	
			For 316 Stainless Steel, Add	56.22	
			For Galvanized Steel, Add	10.89	
			For Aluminum, Add	3.16	
			For 304 Stainless Steel, Add	50.07	
05 12 23 00-0537	LF		C7 x 14.75 - 7" Wide Channel.....	42.65	16.12
			For >100 To 250, Deduct	-1.61	
			For >250 To 500, Deduct	-2.68	
			For >500 To 1,000, Deduct	-4.28	
			For >1,000, Deduct	-5.89	
			For 316 Stainless Steel, Add	67.71	
			For Galvanized Steel, Add	13.12	
			For Aluminum, Add	3.81	
			For 304 Stainless Steel, Add	60.31	
05 12 23 00-0538	LF		C8 x 11.5 - 8" Wide Channel.....	32.20	11.78
			For >100 To 250, Deduct	-1.18	
			For >250 To 500, Deduct	-1.98	
			For >500 To 1,000, Deduct	-3.18	
			For >1,000, Deduct	-4.38	
			For 316 Stainless Steel, Add	52.80	
			For Galvanized Steel, Add	10.23	
			For Aluminum, Add	2.97	
			For 304 Stainless Steel, Add	47.03	
05 12 23 00-0539	LF		C8 x 13.75 - 8" Wide Channel.....	38.50	14.09
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-2.37	
			For >500 To 1,000, Deduct	-3.80	
			For >1,000, Deduct	-5.24	
			For 316 Stainless Steel, Add	63.10	
			For Galvanized Steel, Add	12.23	
			For Aluminum, Add	3.55	
			For 304 Stainless Steel, Add	56.20	
05 12 23 00-0540	LF		C8 x 18.75 - 8" Wide Channel.....	52.49	19.20
			For >100 To 250, Deduct	-1.92	
			For >250 To 500, Deduct	-3.23	
			For >500 To 1,000, Deduct	-5.18	
			For >1,000, Deduct	-7.14	
			For 316 Stainless Steel, Add	86.05	
			For Galvanized Steel, Add	16.67	
			For Aluminum, Add	4.84	
			For 304 Stainless Steel, Add	76.64	
05 12 23 00-0541	LF		C9 x 13.4 - 9" Wide Channel.....	37.52	13.73
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-2.31	
			For >500 To 1,000, Deduct	-3.71	
			For >1,000, Deduct	-5.10	
			For 316 Stainless Steel, Add	61.50	
			For Galvanized Steel, Add	11.92	
			For Aluminum, Add	3.46	
			For 304 Stainless Steel, Add	54.78	
05 12 23 00-0542	LF		C9 x 15 - 9" Wide Channel.....	42.00	15.36
			For >100 To 250, Deduct	-1.54	
			For >250 To 500, Deduct	-2.59	
			For >500 To 1,000, Deduct	-4.15	
			For >1,000, Deduct	-5.71	
			For 316 Stainless Steel, Add	68.86	
			For Galvanized Steel, Add	13.34	
			For Aluminum, Add	3.87	
			For 304 Stainless Steel, Add	61.33	
05 12 23 00-0543	LF		C9 x 20 - 9" Wide Channel.....	56.00	20.48
			For >100 To 250, Deduct	-2.05	
			For >250 To 500, Deduct	-3.45	
			For >500 To 1,000, Deduct	-5.53	
			For >1,000, Deduct	-7.61	
			For 316 Stainless Steel, Add	91.81	
			For Galvanized Steel, Add	17.79	
			For Aluminum, Add	5.16	
			For 304 Stainless Steel, Add	81.77	



		Metals	05	
		Structural Metal Framing	05 10	05
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0544	LF	C10 x 15.3 - 10" Wide Channel.....	42.84	15.66
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-2.64	
		For >500 To 1,000, Deduct	-4.23	
		For >1,000, Deduct	-5.82	
		For 316 Stainless Steel, Add	70.24	
		For Galvanized Steel, Add	13.61	
		For Aluminum, Add	3.95	
		For 304 Stainless Steel, Add	62.56	
05 12 23 00-0545	LF	C10 x 20 - 10" Wide Channel.....	56.00	20.48
		For >100 To 250, Deduct	-2.05	
		For >250 To 500, Deduct	-3.45	
		For >500 To 1,000, Deduct	-5.53	
		For >1,000, Deduct	-7.61	
		For 316 Stainless Steel, Add	91.81	
		For Galvanized Steel, Add	17.79	
		For Aluminum, Add	5.16	
		For 304 Stainless Steel, Add	81.77	
05 12 23 00-0546	LF	C10 x 25 - 10" Wide Channel.....	70.00	25.60
		For >100 To 250, Deduct	-2.56	
		For >250 To 500, Deduct	-4.31	
		For >500 To 1,000, Deduct	-6.91	
		For >1,000, Deduct	-9.52	
		For 316 Stainless Steel, Add	114.75	
		For Galvanized Steel, Add	22.23	
		For Aluminum, Add	6.45	
		For 304 Stainless Steel, Add	102.20	
05 12 23 00-0547	LF	C10 x 30 - 10" Wide Channel.....	83.99	30.72
		For >100 To 250, Deduct	-3.07	
		For >250 To 500, Deduct	-5.17	
		For >500 To 1,000, Deduct	-8.30	
		For >1,000, Deduct	-11.42	
		For 316 Stainless Steel, Add	137.70	
		For Galvanized Steel, Add	26.68	
		For Aluminum, Add	7.75	
		For 304 Stainless Steel, Add	122.64	
05 12 23 00-0548	LF	C12 x 20.7 - 12" Wide Channel.....	57.96	21.20
		For >100 To 250, Deduct	-2.12	
		For >250 To 500, Deduct	-3.57	
		For >500 To 1,000, Deduct	-5.73	
		For >1,000, Deduct	-7.88	
		For 316 Stainless Steel, Add	95.01	
		For Galvanized Steel, Add	18.41	
		For Aluminum, Add	5.34	
		For 304 Stainless Steel, Add	84.62	
05 12 23 00-0549	LF	C12 x 25 - 12" Wide Channel.....	70.00	25.60
		For >100 To 250, Deduct	-2.56	
		For >250 To 500, Deduct	-4.31	
		For >500 To 1,000, Deduct	-6.91	
		For >1,000, Deduct	-9.52	
		For 316 Stainless Steel, Add	114.75	
		For Galvanized Steel, Add	22.23	
		For Aluminum, Add	6.45	
		For 304 Stainless Steel, Add	102.20	
05 12 23 00-0550	LF	C12 x 30 - 12" Wide Channel.....	83.99	30.72
		For >100 To 250, Deduct	-3.07	
		For >250 To 500, Deduct	-5.17	
		For >500 To 1,000, Deduct	-8.30	
		For >1,000, Deduct	-11.42	
		For 316 Stainless Steel, Add	137.70	
		For Galvanized Steel, Add	26.68	
		For Aluminum, Add	7.75	
		For 304 Stainless Steel, Add	122.64	
05 12 23 00-0551	LF	C15 x 33.9 - 15" Wide Channel.....	94.92	34.71
		For >100 To 250, Deduct	-3.47	
		For >250 To 500, Deduct	-5.84	
		For >500 To 1,000, Deduct	-9.38	
		For >1,000, Deduct	-12.91	
		For 316 Stainless Steel, Add	155.62	
		For Galvanized Steel, Add	30.15	
		For Aluminum, Add	8.75	
		For 304 Stainless Steel, Add	138.60	
05 12 23 00-0552	LF	C15 x 40 - 15" Wide Channel.....	112.00	40.96
		For >100 To 250, Deduct	-4.10	
		For >250 To 500, Deduct	-6.90	
		For >500 To 1,000, Deduct	-11.06	
		For >1,000, Deduct	-15.23	
		For 316 Stainless Steel, Add	183.62	
		For Galvanized Steel, Add	35.58	
		For Aluminum, Add	10.33	
		For 304 Stainless Steel, Add	163.53	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
05 12 23 00-0553	LF	C15 x 50 - 15" Wide Channel.....	140.00	51.20	
		For >100 To 250, Deduct	-5.12		
		For >250 To 500, Deduct	-8.62		
		For >500 To 1,000, Deduct	-13.83		
		For >1,000, Deduct	-19.04		
		For 316 Stainless Steel, Add	229.50		
		For Galvanized Steel, Add	44.47		
		For Aluminum, Add	12.91		
		For 304 Stainless Steel, Add	204.40		
05 12 23 00-0554		Miscellaneous Channels - MC (05 12 23 00-0408)			
05 12 23 00-0555	LF	MC6 x 12 - 6" Wide Channel.....	34.76	13.16	
		For >100 To 250, Deduct	-1.32		
		For >250 To 500, Deduct	-2.19		
		For >500 To 1,000, Deduct	-3.49		
		For >1,000, Deduct	-4.80		
		For 316 Stainless Steel, Add	55.07		
		For Galvanized Steel, Add	10.67		
		For Aluminum, Add	3.10		
		For 304 Stainless Steel, Add	49.05		
05 12 23 00-0556	LF	MC6 x 15.1 - 6" Wide Channel.....	43.74	16.56	
		For >100 To 250, Deduct	-1.66		
		For >250 To 500, Deduct	-2.75		
		For >500 To 1,000, Deduct	-4.40		
		For >1,000, Deduct	-6.04		
		For 316 Stainless Steel, Add	69.31		
		For Galvanized Steel, Add	13.43		
		For Aluminum, Add	3.90		
		For 304 Stainless Steel, Add	61.73		
05 12 23 00-0557	LF	MC6 x 15.3 - 6" Wide Channel.....	44.33	16.78	
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.79		
		For >500 To 1,000, Deduct	-4.45		
		For >1,000, Deduct	-6.12		
		For 316 Stainless Steel, Add	70.24		
		For Galvanized Steel, Add	13.61		
		For Aluminum, Add	3.95		
		For 304 Stainless Steel, Add	62.56		
05 12 23 00-0558	LF	MC6 x 16.3 - 6" Wide Channel.....	47.22	17.87	
		For >100 To 250, Deduct	-1.79		
		For >250 To 500, Deduct	-2.97		
		For >500 To 1,000, Deduct	-4.75		
		For >1,000, Deduct	-6.52		
		For 316 Stainless Steel, Add	74.82		
		For Galvanized Steel, Add	14.50		
		For Aluminum, Add	4.21		
		For 304 Stainless Steel, Add	66.63		
05 12 23 00-0559	LF	MC6 x 18 - 6" Wide Channel.....	52.14	19.74	
		For >100 To 250, Deduct	-1.97		
		For >250 To 500, Deduct	-3.28		
		For >500 To 1,000, Deduct	-5.24		
		For >1,000, Deduct	-7.20		
		For 316 Stainless Steel, Add	82.62		
		For Galvanized Steel, Add	16.01		
		For Aluminum, Add	4.65		
		For 304 Stainless Steel, Add	73.59		
05 12 23 00-0560	LF	MC7 x 17.6 - 7" Wide Channel.....	50.89	19.23	
		For >100 To 250, Deduct	-1.92		
		For >250 To 500, Deduct	-3.20		
		For >500 To 1,000, Deduct	-5.11		
		For >1,000, Deduct	-7.02		
		For 316 Stainless Steel, Add	80.80		
		For Galvanized Steel, Add	15.66		
		For Aluminum, Add	4.55		
		For 304 Stainless Steel, Add	71.96		
05 12 23 00-0561	LF	MC7 x 19.1 - 7" Wide Channel.....	55.23	20.87	
		For >100 To 250, Deduct	-2.09		
		For >250 To 500, Deduct	-3.47		
		For >500 To 1,000, Deduct	-5.54		
		For >1,000, Deduct	-7.62		
		For 316 Stainless Steel, Add	87.68		
		For Galvanized Steel, Add	16.99		
		For Aluminum, Add	4.93		
		For 304 Stainless Steel, Add	78.09		
05 12 23 00-0562	LF	MC7 x 22.7 - 7" Wide Channel.....	65.63	24.80	
		For >100 To 250, Deduct	-2.48		
		For >250 To 500, Deduct	-4.12		
		For >500 To 1,000, Deduct	-6.59		
		For >1,000, Deduct	-9.06		
		For 316 Stainless Steel, Add	104.19		
		For Galvanized Steel, Add	20.19		
		For Aluminum, Add	5.86		
		For 304 Stainless Steel, Add	92.80		



	Metals	05	05
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0563	LF		MC8 x 8.5 - 8" Wide Channel.....	23.80	8.70
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.47	
			For >500 To 1,000, Deduct	-2.35	
			For >1,000, Deduct	-3.24	
			For 316 Stainless Steel, Add	39.01	
			For Galvanized Steel, Add	7.56	
			For Aluminum, Add	2.19	
			For 304 Stainless Steel, Add	34.74	
05 12 23 00-0564	LF		MC8 x 18.7 - 8" Wide Channel.....	52.36	19.15
			For >100 To 250, Deduct	-1.92	
			For >250 To 500, Deduct	-3.22	
			For >500 To 1,000, Deduct	-5.17	
			For >1,000, Deduct	-7.12	
			For 316 Stainless Steel, Add	85.82	
			For Galvanized Steel, Add	16.63	
			For Aluminum, Add	4.83	
			For 304 Stainless Steel, Add	76.44	
05 12 23 00-0565	LF		MC8 x 20 - 8" Wide Channel.....	56.00	20.48
			For >100 To 250, Deduct	-2.05	
			For >250 To 500, Deduct	-3.45	
			For >500 To 1,000, Deduct	-5.53	
			For >1,000, Deduct	-7.61	
			For 316 Stainless Steel, Add	91.81	
			For Galvanized Steel, Add	17.79	
			For Aluminum, Add	5.16	
			For 304 Stainless Steel, Add	81.77	
05 12 23 00-0566	LF		MC8 x 21.4 - 8" Wide Channel.....	59.93	21.92
			For >100 To 250, Deduct	-2.19	
			For >250 To 500, Deduct	-3.69	
			For >500 To 1,000, Deduct	-5.92	
			For >1,000, Deduct	-8.15	
			For 316 Stainless Steel, Add	98.24	
			For Galvanized Steel, Add	19.03	
			For Aluminum, Add	5.53	
			For 304 Stainless Steel, Add	87.50	
05 12 23 00-0567	LF		MC8 x 22.8 - 8" Wide Channel.....	63.83	23.36
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.93	
			For >500 To 1,000, Deduct	-6.30	
			For >1,000, Deduct	-8.68	
			For 316 Stainless Steel, Add	104.64	
			For Galvanized Steel, Add	20.27	
			For Aluminum, Add	5.89	
			For 304 Stainless Steel, Add	93.20	
05 12 23 00-0568	LF		MC9 x 23.9 - 9" Wide Channel.....	66.92	24.48
			For >100 To 250, Deduct	-2.45	
			For >250 To 500, Deduct	-4.12	
			For >500 To 1,000, Deduct	-6.61	
			For >1,000, Deduct	-9.10	
			For 316 Stainless Steel, Add	109.70	
			For Galvanized Steel, Add	21.25	
			For Aluminum, Add	6.17	
			For 304 Stainless Steel, Add	97.70	
05 12 23 00-0569	LF		MC9 x 25.4 - 9" Wide Channel.....	71.11	26.01
			For >100 To 250, Deduct	-2.60	
			For >250 To 500, Deduct	-4.38	
			For >500 To 1,000, Deduct	-7.02	
			For >1,000, Deduct	-9.67	
			For 316 Stainless Steel, Add	116.58	
			For Galvanized Steel, Add	22.59	
			For Aluminum, Add	6.56	
			For 304 Stainless Steel, Add	103.83	
05 12 23 00-0570	LF		MC10 x 6.5 - 10" Wide Channel.....	18.20	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.80	
			For >1,000, Deduct	-2.48	
			For 316 Stainless Steel, Add	29.82	
			For Galvanized Steel, Add	5.78	
			For Aluminum, Add	1.68	
			For 304 Stainless Steel, Add	26.56	
05 12 23 00-0571	LF		MC10 x 8.4 - 10" Wide Channel.....	23.52	8.60
			For >100 To 250, Deduct	-0.86	
			For >250 To 500, Deduct	-1.45	
			For >500 To 1,000, Deduct	-2.32	
			For >1,000, Deduct	-3.20	
			For 316 Stainless Steel, Add	38.56	
			For Galvanized Steel, Add	7.47	
			For Aluminum, Add	2.17	
			For 304 Stainless Steel, Add	34.34	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0572	LF		MC10 x 21.9 - 10" Wide Channel.....	61.31	22.43
			For >100 To 250, Deduct	-2.24	
			For >250 To 500, Deduct	-3.78	
			For >500 To 1,000, Deduct	-6.06	
			For >1,000, Deduct	-8.34	
			For 316 Stainless Steel, Add	100.51	
			For Galvanized Steel, Add	19.47	
			For Aluminum, Add	5.65	
			For 304 Stainless Steel, Add	89.52	
05 12 23 00-0573	LF		MC10 x 24.9 - 10" Wide Channel.....	69.73	25.51
			For >100 To 250, Deduct	-2.55	
			For >250 To 500, Deduct	-4.29	
			For >500 To 1,000, Deduct	-6.89	
			For >1,000, Deduct	-9.48	
			For 316 Stainless Steel, Add	114.30	
			For Galvanized Steel, Add	22.15	
			For Aluminum, Add	6.43	
			For 304 Stainless Steel, Add	101.80	
05 12 23 00-0574	LF		MC10 x 25.3 - 10" Wide Channel.....	70.83	25.92
			For >100 To 250, Deduct	-2.59	
			For >250 To 500, Deduct	-4.36	
			For >500 To 1,000, Deduct	-7.00	
			For >1,000, Deduct	-9.63	
			For 316 Stainless Steel, Add	116.13	
			For Galvanized Steel, Add	22.50	
			For Aluminum, Add	6.53	
			For 304 Stainless Steel, Add	103.43	
05 12 23 00-0575	LF		MC10 x 28.3 - 10" Wide Channel.....	79.24	28.97
			For >100 To 250, Deduct	-2.90	
			For >250 To 500, Deduct	-4.88	
			For >500 To 1,000, Deduct	-7.83	
			For >1,000, Deduct	-10.77	
			For 316 Stainless Steel, Add	129.89	
			For Galvanized Steel, Add	25.17	
			For Aluminum, Add	7.31	
			For 304 Stainless Steel, Add	115.68	
05 12 23 00-0576	LF		MC10 x 28.5 - 10" Wide Channel.....	79.80	29.19
			For >100 To 250, Deduct	-2.92	
			For >250 To 500, Deduct	-4.91	
			For >500 To 1,000, Deduct	-7.88	
			For >1,000, Deduct	-10.85	
			For 316 Stainless Steel, Add	130.82	
			For Galvanized Steel, Add	25.35	
			For Aluminum, Add	7.36	
			For 304 Stainless Steel, Add	116.51	
05 12 23 00-0577	LF		MC10 x 33.6 - 10" Wide Channel.....	94.08	34.41
			For >100 To 250, Deduct	-3.44	
			For >250 To 500, Deduct	-5.79	
			For >500 To 1,000, Deduct	-9.29	
			For >1,000, Deduct	-12.79	
			For 316 Stainless Steel, Add	154.24	
			For Galvanized Steel, Add	29.88	
			For Aluminum, Add	8.68	
			For 304 Stainless Steel, Add	137.37	
05 12 23 00-0578	LF		MC10 x 41.1 - 10" Wide Channel.....	115.07	42.10
			For >100 To 250, Deduct	-4.21	
			For >250 To 500, Deduct	-7.09	
			For >500 To 1,000, Deduct	-11.37	
			For >1,000, Deduct	-15.65	
			For 316 Stainless Steel, Add	188.64	
			For Galvanized Steel, Add	36.55	
			For Aluminum, Add	10.61	
			For 304 Stainless Steel, Add	168.01	
05 12 23 00-0579	LF		MC12 x 30.9 - 12" Wide Channel.....	86.52	31.65
			For >100 To 250, Deduct	-3.17	
			For >250 To 500, Deduct	-5.33	
			For >500 To 1,000, Deduct	-8.55	
			For >1,000, Deduct	-11.76	
			For 316 Stainless Steel, Add	141.82	
			For Galvanized Steel, Add	27.48	
			For Aluminum, Add	7.98	
			For 304 Stainless Steel, Add	126.31	
05 12 23 00-0580	LF		MC12 x 32.9 - 12" Wide Channel.....	92.12	33.69
			For >100 To 250, Deduct	-3.37	
			For >250 To 500, Deduct	-5.67	
			For >500 To 1,000, Deduct	-9.10	
			For >1,000, Deduct	-12.53	
			For 316 Stainless Steel, Add	151.01	
			For Galvanized Steel, Add	29.26	
			For Aluminum, Add	8.49	
			For 304 Stainless Steel, Add	134.49	



	Metals	05	05
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0581	LF		MC12 x 35 - 12" Wide Channel.....	97.99	35.84
			For >100 To 250, Deduct	-3.58	
			For >250 To 500, Deduct	-6.03	
			For >500 To 1,000, Deduct	-9.68	
			For >1,000, Deduct	-13.32	
			For 316 Stainless Steel, Add	160.64	
			For Galvanized Steel, Add	31.12	
			For Aluminum, Add	9.04	
			For 304 Stainless Steel, Add	143.07	
05 12 23 00-0582	LF		MC12 x 37 - 12" Wide Channel.....	103.60	37.90
			For >100 To 250, Deduct	-3.79	
			For >250 To 500, Deduct	-6.38	
			For >500 To 1,000, Deduct	-10.23	
			For >1,000, Deduct	-14.09	
			For 316 Stainless Steel, Add	169.82	
			For Galvanized Steel, Add	32.90	
			For Aluminum, Add	9.55	
			For 304 Stainless Steel, Add	151.25	
05 12 23 00-0583	LF		MC12 x 40 - 12" Wide Channel.....	112.00	40.96
			For >100 To 250, Deduct	-4.10	
			For >250 To 500, Deduct	-6.90	
			For >500 To 1,000, Deduct	-11.06	
			For >1,000, Deduct	-15.23	
			For 316 Stainless Steel, Add	183.62	
			For Galvanized Steel, Add	35.58	
			For Aluminum, Add	10.33	
			For 304 Stainless Steel, Add	163.53	
05 12 23 00-0584	LF		MC12 x 45 - 12" Wide Channel.....	126.00	46.09
			For >100 To 250, Deduct	-4.61	
			For >250 To 500, Deduct	-7.76	
			For >500 To 1,000, Deduct	-12.45	
			For >1,000, Deduct	-17.13	
			For 316 Stainless Steel, Add	206.56	
			For Galvanized Steel, Add	40.02	
			For Aluminum, Add	11.62	
			For 304 Stainless Steel, Add	183.97	
05 12 23 00-0585	LF		MC12 x 50 - 12" Wide Channel.....	140.00	51.21
			For >100 To 250, Deduct	-5.12	
			For >250 To 500, Deduct	-8.62	
			For >500 To 1,000, Deduct	-13.83	
			For >1,000, Deduct	-19.04	
			For 316 Stainless Steel, Add	229.50	
			For Galvanized Steel, Add	44.47	
			For Aluminum, Add	12.91	
			For 304 Stainless Steel, Add	204.40	
05 12 23 00-0586	LF		MC13 x 31.8 - 13" Wide Channel.....	89.04	32.57
			For >100 To 250, Deduct	-3.26	
			For >250 To 500, Deduct	-5.48	
			For >500 To 1,000, Deduct	-8.80	
			For >1,000, Deduct	-12.11	
			For 316 Stainless Steel, Add	145.95	
			For Galvanized Steel, Add	28.28	
			For Aluminum, Add	8.21	
			For 304 Stainless Steel, Add	129.99	
05 12 23 00-0587	LF		MC13 x 35 - 13" Wide Channel.....	97.99	35.84
			For >100 To 250, Deduct	-3.58	
			For >250 To 500, Deduct	-6.03	
			For >500 To 1,000, Deduct	-9.68	
			For >1,000, Deduct	-13.32	
			For 316 Stainless Steel, Add	160.64	
			For Galvanized Steel, Add	31.12	
			For Aluminum, Add	9.04	
			For 304 Stainless Steel, Add	143.07	
05 12 23 00-0588	LF		MC13 x 40 - 13" Wide Channel.....	112.00	40.96
			For >100 To 250, Deduct	-4.10	
			For >250 To 500, Deduct	-6.90	
			For >500 To 1,000, Deduct	-11.06	
			For >1,000, Deduct	-15.23	
			For 316 Stainless Steel, Add	183.62	
			For Galvanized Steel, Add	35.58	
			For Aluminum, Add	10.33	
			For 304 Stainless Steel, Add	163.53	
05 12 23 00-0589	LF		MC13 x 50 - 13" Wide Channel.....	140.00	51.21
			For >100 To 250, Deduct	-5.12	
			For >250 To 500, Deduct	-8.62	
			For >500 To 1,000, Deduct	-13.83	
			For >1,000, Deduct	-19.04	
			For 316 Stainless Steel, Add	229.50	
			For Galvanized Steel, Add	44.47	
			For Aluminum, Add	12.91	
			For 304 Stainless Steel, Add	204.40	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0590	LF		MC18 x 42.7 - 18" Wide Channel.....	119.56	43.73
			For >100 To 250, Deduct	-4.37	
			For >250 To 500, Deduct	-7.36	
			For >500 To 1,000, Deduct	-11.81	
			For >1,000, Deduct	-16.26	
			For 316 Stainless Steel, Add	196.00	
			For Galvanized Steel, Add	37.98	
			For Aluminum, Add	11.03	
			For 304 Stainless Steel, Add	174.56	
05 12 23 00-0591	LF		MC18 x 45.8 - 18" Wide Channel.....	128.23	46.91
			For >100 To 250, Deduct	-4.69	
			For >250 To 500, Deduct	-7.90	
			For >500 To 1,000, Deduct	-12.67	
			For >1,000, Deduct	-17.43	
			For 316 Stainless Steel, Add	210.21	
			For Galvanized Steel, Add	40.73	
			For Aluminum, Add	11.82	
			For 304 Stainless Steel, Add	187.22	
05 12 23 00-0592	LF		MC18 x 51.9 - 18" Wide Channel.....	145.31	53.15
			For >100 To 250, Deduct	-5.32	
			For >250 To 500, Deduct	-8.95	
			For >500 To 1,000, Deduct	-14.35	
			For >1,000, Deduct	-19.76	
			For 316 Stainless Steel, Add	238.21	
			For Galvanized Steel, Add	46.15	
			For Aluminum, Add	13.40	
			For 304 Stainless Steel, Add	212.15	
05 12 23 00-0593	LF		MC18 x 58 - 18" Wide Channel.....	162.39	59.39
			For >100 To 250, Deduct	-5.94	
			For >250 To 500, Deduct	-10.00	
			For >500 To 1,000, Deduct	-16.04	
			For >1,000, Deduct	-22.08	
			For 316 Stainless Steel, Add	266.21	
			For Galvanized Steel, Add	51.58	
			For Aluminum, Add	14.97	
			For 304 Stainless Steel, Add	237.09	
05 12 23 00-0594			Structural Bar Tees (05 12 23 00-0408)		
05 12 23 00-0595	LF		3/4" x 3/4" x 1/8" Structural Bar Tee.....	4.79	2.72
			For >100 To 250, Deduct	-0.27	
			For >250 To 500, Deduct	-0.39	
			For >500 To 1,000, Deduct	-0.60	
			For >1,000, Deduct	-0.81	
			For 316 Stainless Steel, Add	3.71	
			For Galvanized Steel, Add	0.72	
			For Aluminum, Add	0.21	
			For 304 Stainless Steel, Add	3.31	
05 12 23 00-0596	LF		1" x 1" x 1/8" Structural Bar Tee.....	5.87	3.21
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.47	
			For >500 To 1,000, Deduct	-0.72	
			For >1,000, Deduct	-0.98	
			For 316 Stainless Steel, Add	5.09	
			For Galvanized Steel, Add	0.99	
			For Aluminum, Add	0.29	
			For 304 Stainless Steel, Add	4.53	
05 12 23 00-0597	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee.....	9.49	3.71
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.61	
			For >500 To 1,000, Deduct	-0.97	
			For >1,000, Deduct	-1.33	
			For 316 Stainless Steel, Add	14.56	
			For Galvanized Steel, Add	2.82	
			For Aluminum, Add	0.82	
			For 304 Stainless Steel, Add	12.97	
05 12 23 00-0598	LF		2" x 2" x 1/4" Structural Bar Tee.....	13.24	4.85
			For >100 To 250, Deduct	-0.49	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.31	
			For >1,000, Deduct	-1.80	
			For 316 Stainless Steel, Add	21.66	
			For Galvanized Steel, Add	4.20	
			For Aluminum, Add	1.22	
			For 304 Stainless Steel, Add	19.29	
05 12 23 00-0599	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee.....	19.97	5.85
			For >100 To 250, Deduct	-0.59	
			For >250 To 500, Deduct	-1.09	
			For >500 To 1,000, Deduct	-1.78	
			For >1,000, Deduct	-2.47	
			For 316 Stainless Steel, Add	38.91	
			For Galvanized Steel, Add	7.54	
			For Aluminum, Add	2.19	
			For 304 Stainless Steel, Add	34.66	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0600	LF		3" x 3" x 3/8" Structural Bar Tee.....	24.59	7.49
			For >100 To 250, Deduct	-0.75	
			For >250 To 500, Deduct	-1.36	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.09	
			For 316 Stainless Steel, Add	46.72	
			For Galvanized Steel, Add	9.05	
			For Aluminum, Add	2.63	
			For 304 Stainless Steel, Add	41.61	
05 12 23 00-0601			Structural Zees (05 12 23 00-0408)		
05 12 23 00-0602	LF		1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	11.72	3.71
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.66	
			For >500 To 1,000, Deduct	-1.08	
			For >1,000, Deduct	-1.50	
			For 316 Stainless Steel, Add	21.70	
			For Galvanized Steel, Add	4.20	
			For Aluminum, Add	1.22	
			For 304 Stainless Steel, Add	19.32	
05 12 23 00-0603	LF		2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	22.13	4.43
			For >100 To 250, Deduct	-0.44	
			For >250 To 500, Deduct	-1.00	
			For >500 To 1,000, Deduct	-1.70	
			For >1,000, Deduct	-2.40	
			For 316 Stainless Steel, Add	51.94	
			For Galvanized Steel, Add	10.06	
			For Aluminum, Add	2.92	
			For 304 Stainless Steel, Add	46.26	
05 12 23 00-0604	LF		3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	26.52	4.99
			For >100 To 250, Deduct	-0.50	
			For >250 To 500, Deduct	-1.16	
			For >500 To 1,000, Deduct	-1.99	
			For >1,000, Deduct	-2.82	
			For 316 Stainless Steel, Add	63.55	
			For Galvanized Steel, Add	12.31	
			For Aluminum, Add	3.57	
			For 304 Stainless Steel, Add	56.60	
05 12 23 00-0605	LF		3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	35.70	5.71
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-1.46	
			For >500 To 1,000, Deduct	-2.55	
			For >1,000, Deduct	-3.63	
			For 316 Stainless Steel, Add	89.89	
			For Galvanized Steel, Add	17.42	
			For Aluminum, Add	5.06	
			For 304 Stainless Steel, Add	80.06	
05 12 23 00-0606	LF		3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	46.30	6.21
			For >100 To 250, Deduct	-0.62	
			For >250 To 500, Deduct	-1.78	
			For >500 To 1,000, Deduct	-3.14	
			For >1,000, Deduct	-4.51	
			For 316 Stainless Steel, Add	121.66	
			For Galvanized Steel, Add	23.57	
			For Aluminum, Add	6.84	
			For 304 Stainless Steel, Add	108.36	
05 12 23 00-0607			Junior I-Beams (05 12 23 00-0408)		
05 12 23 00-0608	LF		3" Junior I-Beam, 2.9 LB/LF.....	16.08	5.36
			For >100 To 250, Deduct	-0.54	
			For >250 To 500, Deduct	-0.94	
			For >500 To 1,000, Deduct	-1.52	
			For >1,000, Deduct	-2.10	
			For 316 Stainless Steel, Add	28.61	
			For Galvanized Steel, Add	5.54	
			For Aluminum, Add	1.61	
			For 304 Stainless Steel, Add	25.48	
05 12 23 00-0609	LF		4" Junior I-Beam, 3.2 LB/LF.....	17.67	5.85
			For >100 To 250, Deduct	-0.59	
			For >250 To 500, Deduct	-1.03	
			For >500 To 1,000, Deduct	-1.66	
			For >1,000, Deduct	-2.30	
			For 316 Stainless Steel, Add	31.55	
			For Galvanized Steel, Add	6.11	
			For Aluminum, Add	1.77	
			For 304 Stainless Steel, Add	28.10	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 12 23 00-0610	LF	5" Junior I-Beam, 3.8 LB/LF		20.27	6.42
		For >100 To 250, Deduct		-0.64	
		For >250 To 500, Deduct		-1.15	
		For >500 To 1,000, Deduct		-1.87	
		For >1,000, Deduct		-2.59	
		For 316 Stainless Steel, Add		37.47	
		For Galvanized Steel, Add		7.26	
		For Aluminum, Add		2.11	
		For 304 Stainless Steel, Add		33.37	
05 12 23 00-0611	LF	6" Junior I-Beam, 4.4 LB/LF		22.89	7.00
		For >100 To 250, Deduct		-0.70	
		For >250 To 500, Deduct		-1.27	
		For >500 To 1,000, Deduct		-2.08	
		For >1,000, Deduct		-2.88	
		For 316 Stainless Steel, Add		43.39	
		For Galvanized Steel, Add		8.41	
		For Aluminum, Add		2.44	
		For 304 Stainless Steel, Add		38.65	
05 12 23 00-0612	LF	7" Junior I-Beam, 5.5 LB/LF		26.94	7.49
		For >100 To 250, Deduct		-0.75	
		For >250 To 500, Deduct		-1.42	
		For >500 To 1,000, Deduct		-2.35	
		For >1,000, Deduct		-3.27	
		For 316 Stainless Steel, Add		54.24	
		For Galvanized Steel, Add		10.51	
		For Aluminum, Add		3.05	
		For 304 Stainless Steel, Add		48.31	
05 12 23 00-0613	LF	8" Junior I-Beam, 6.5 LB/LF		30.69	8.00
		For >100 To 250, Deduct		-0.80	
		For >250 To 500, Deduct		-1.57	
		For >500 To 1,000, Deduct		-2.60	
		For >1,000, Deduct		-3.63	
		For 316 Stainless Steel, Add		64.10	
		For Galvanized Steel, Add		12.42	
		For Aluminum, Add		3.61	
		For 304 Stainless Steel, Add		57.09	
05 12 23 00-0614	LF	10" Junior I-Beam, 9 LB/LF		39.92	9.14
		For >100 To 250, Deduct		-0.91	
		For >250 To 500, Deduct		-1.91	
		For >500 To 1,000, Deduct		-3.21	
		For >1,000, Deduct		-4.52	
		For 316 Stainless Steel, Add		88.77	
		For Galvanized Steel, Add		17.20	
		For Aluminum, Add		4.99	
		For 304 Stainless Steel, Add		79.06	
05 12 23 00-0615	LF	12" Junior I-Beam, 11.8 LB/LF		50.83	10.85
		For >100 To 250, Deduct		-1.08	
		For >250 To 500, Deduct		-2.36	
		For >500 To 1,000, Deduct		-3.99	
		For >1,000, Deduct		-5.62	
		For 316 Stainless Steel, Add		116.38	
		For Galvanized Steel, Add		22.55	
		For Aluminum, Add		6.55	
		For 304 Stainless Steel, Add		103.65	
05 12 23 00-0616		Round Stock (05 12 23 00-0408)			
05 12 23 00-0617	LF	1/4" Carbon Steel Rounds, ASTM A108		1.78	
		For 316 Stainless Steel, Add		2.66	
		For Galvanized Steel, Add		0.51	
		For Aluminum, Add		0.15	
		For 304 Stainless Steel, Add		2.37	
05 12 23 00-0618	LF	3/8" Carbon Steel Rounds, ASTM A108		2.71	
		For 316 Stainless Steel, Add		5.22	
		For Galvanized Steel, Add		1.01	
		For Aluminum, Add		0.29	
		For 304 Stainless Steel, Add		4.65	
05 12 23 00-0619	LF	1/2" Carbon Steel Rounds, ASTM A108		3.68	
		For 316 Stainless Steel, Add		7.97	
		For Galvanized Steel, Add		1.54	
		For Aluminum, Add		0.45	
		For 304 Stainless Steel, Add		7.10	
05 12 23 00-0620	LF	5/8" Carbon Steel Rounds, ASTM A108		5.47	
		For 316 Stainless Steel, Add		13.28	
		For Galvanized Steel, Add		2.57	
		For Aluminum, Add		0.75	
		For 304 Stainless Steel, Add		11.83	
05 12 23 00-0621	LF	3/4" Carbon Steel Rounds, ASTM A108		6.51	
		For 316 Stainless Steel, Add		15.78	
		For Galvanized Steel, Add		3.06	
		For Aluminum, Add		0.89	
		For 304 Stainless Steel, Add		14.05	
05 12 23 00-0622	LF	7/8" Carbon Steel Rounds, ASTM A108		7.59	
		For 316 Stainless Steel, Add		18.43	
		For Galvanized Steel, Add		3.57	
		For Aluminum, Add		1.04	
		For 304 Stainless Steel, Add		16.42	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0623	LF	1" Carbon Steel Rounds, ASTM A108	10.94	
		For 316 Stainless Steel, Add	28.10	
		For Galvanized Steel, Add	5.44	
		For Aluminum, Add	1.58	
		For 304 Stainless Steel, Add	25.02	
05 12 23 00-0624	LF	1-1/8" Carbon Steel Rounds, ASTM A108	13.30	
		For 316 Stainless Steel, Add	34.11	
		For Galvanized Steel, Add	6.61	
		For Aluminum, Add	1.92	
		For 304 Stainless Steel, Add	30.38	
05 12 23 00-0625	LF	1-1/4" Carbon Steel Rounds, ASTM A108	15.95	
		For 316 Stainless Steel, Add	40.16	
		For Galvanized Steel, Add	7.78	
		For Aluminum, Add	2.26	
		For 304 Stainless Steel, Add	35.77	
05 12 23 00-0626	LF	1-3/8" Carbon Steel Rounds, ASTM A108	19.28	
		For 316 Stainless Steel, Add	49.02	
		For Galvanized Steel, Add	9.50	
		For Aluminum, Add	2.76	
		For 304 Stainless Steel, Add	43.66	
05 12 23 00-0627	LF	1-1/2" Carbon Steel Rounds, ASTM A108	21.56	
		For 316 Stainless Steel, Add	53.76	
		For Galvanized Steel, Add	10.42	
		For Aluminum, Add	3.02	
		For 304 Stainless Steel, Add	47.88	
05 12 23 00-0628	LF	1-5/8" Carbon Steel Rounds, ASTM A108	24.99	
		For 316 Stainless Steel, Add	60.93	
		For Galvanized Steel, Add	11.80	
		For Aluminum, Add	3.43	
		For 304 Stainless Steel, Add	54.26	
05 12 23 00-0629	LF	1-3/4" Carbon Steel Rounds, ASTM A108	30.09	
		For 316 Stainless Steel, Add	70.91	
		For Galvanized Steel, Add	13.74	
		For Aluminum, Add	3.99	
		For 304 Stainless Steel, Add	63.16	
05 12 23 00-0630	LF	1-7/8" Carbon Steel Rounds, ASTM A108	36.42	
		For 316 Stainless Steel, Add	83.04	
		For Galvanized Steel, Add	16.09	
		For Aluminum, Add	4.67	
		For 304 Stainless Steel, Add	73.96	
05 12 23 00-0631	LF	2" Carbon Steel Rounds, ASTM A108	41.81	
		For 316 Stainless Steel, Add	92.38	
		For Galvanized Steel, Add	17.90	
		For Aluminum, Add	5.20	
		For 304 Stainless Steel, Add	82.28	
05 12 23 00-0632	LF	2-1/8" Carbon Steel Rounds, ASTM A108	49.04	
		For 316 Stainless Steel, Add	105.50	
		For Galvanized Steel, Add	20.44	
		For Aluminum, Add	5.93	
		For 304 Stainless Steel, Add	93.96	
05 12 23 00-0633	LF	2-1/4" Carbon Steel Rounds, ASTM A108	55.54	
		For 316 Stainless Steel, Add	118.62	
		For Galvanized Steel, Add	22.98	
		For Aluminum, Add	6.67	
		For 304 Stainless Steel, Add	105.65	
05 12 23 00-0634	LF	2-3/8" Carbon Steel Rounds, ASTM A108	63.64	
		For 316 Stainless Steel, Add	135.68	
		For Galvanized Steel, Add	26.29	
		For Aluminum, Add	7.63	
		For 304 Stainless Steel, Add	120.84	
05 12 23 00-0635	LF	2-1/2" Carbon Steel Rounds, ASTM A108	70.65	
		For 316 Stainless Steel, Add	146.24	
		For Galvanized Steel, Add	28.33	
		For Aluminum, Add	8.23	
		For 304 Stainless Steel, Add	130.25	
05 12 23 00-0636	LF	2-5/8" Carbon Steel Rounds, ASTM A108	85.76	
		For 316 Stainless Steel, Add	185.73	
		For Galvanized Steel, Add	35.98	
		For Aluminum, Add	10.45	
		For 304 Stainless Steel, Add	165.41	
05 12 23 00-0637	LF	2-3/4" Carbon Steel Rounds, ASTM A108	97.60	
		For 316 Stainless Steel, Add	211.81	
		For Galvanized Steel, Add	41.04	
		For Aluminum, Add	11.91	
		For 304 Stainless Steel, Add	188.64	
05 12 23 00-0638	LF	2-7/8" Carbon Steel Rounds, ASTM A108	108.87	
		For 316 Stainless Steel, Add	236.03	
		For Galvanized Steel, Add	45.73	
		For Aluminum, Add	13.28	
		For 304 Stainless Steel, Add	210.22	
05 12 23 00-0639	LF	3" Carbon Steel Rounds, ASTM A108	114.78	
		For 316 Stainless Steel, Add	243.14	
		For Galvanized Steel, Add	47.11	
		For Aluminum, Add	13.68	
		For 304 Stainless Steel, Add	216.54	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0640	LF	3-1/8" Carbon Steel Rounds, ASTM A108	120.16	
		For 316 Stainless Steel, Add	248.51	
		For Galvanized Steel, Add	48.15	
		For Aluminum, Add	13.98	
		For 304 Stainless Steel, Add	221.33	
05 12 23 00-0641	LF	3-1/4" Carbon Steel Rounds, ASTM A108	127.02	
		For 316 Stainless Steel, Add	258.66	
		For Galvanized Steel, Add	50.11	
		For Aluminum, Add	14.55	
		For 304 Stainless Steel, Add	230.37	
05 12 23 00-0642	LF	3-1/2" Carbon Steel Rounds, ASTM A108	153.37	
		For 316 Stainless Steel, Add	328.19	
		For Galvanized Steel, Add	63.59	
		For Aluminum, Add	18.46	
		For 304 Stainless Steel, Add	292.30	
05 12 23 00-0643	LF	3-5/8" Carbon Steel Rounds, ASTM A108	170.17	
		For 316 Stainless Steel, Add	367.14	
		For Galvanized Steel, Add	71.13	
		For Aluminum, Add	20.65	
		For 304 Stainless Steel, Add	326.98	
05 12 23 00-0644	LF	3-3/4" Carbon Steel Rounds, ASTM A108	182.79	
		For 316 Stainless Steel, Add	392.74	
		For Galvanized Steel, Add	76.09	
		For Aluminum, Add	22.09	
		For 304 Stainless Steel, Add	349.78	
05 12 23 00-0645	LF	4" Carbon Steel Rounds, ASTM A108	204.41	
		For 316 Stainless Steel, Add	447.14	
		For Galvanized Steel, Add	86.63	
		For Aluminum, Add	25.15	
		For 304 Stainless Steel, Add	398.23	
05 12 23 00-0646		Square Stock (05 12 23 00-0408)		
05 12 23 00-0647	LF	3/8" Square Bar Stock	1.76	
		For 316 Stainless Steel, Add	2.18	
		For Galvanized Steel, Add	0.42	
		For Aluminum, Add	0.12	
		For 304 Stainless Steel, Add	1.94	
05 12 23 00-0648	LF	1/2" Square Bar Stock	2.40	
		For 316 Stainless Steel, Add	3.87	
		For Galvanized Steel, Add	0.75	
		For Aluminum, Add	0.22	
		For 304 Stainless Steel, Add	3.45	
05 12 23 00-0649	LF	5/8" Square Bar Stock	3.21	
		For 316 Stainless Steel, Add	6.05	
		For Galvanized Steel, Add	1.17	
		For Aluminum, Add	0.34	
		For 304 Stainless Steel, Add	5.39	
05 12 23 00-0650	LF	3/4" Square Bar Stock	4.31	
		For 316 Stainless Steel, Add	8.74	
		For Galvanized Steel, Add	1.69	
		For Aluminum, Add	0.49	
		For 304 Stainless Steel, Add	7.78	
05 12 23 00-0651	LF	7/8" Square Bar Stock	5.64	
		For 316 Stainless Steel, Add	12.19	
		For Galvanized Steel, Add	2.36	
		For Aluminum, Add	0.69	
		For 304 Stainless Steel, Add	10.86	
05 12 23 00-0652	LF	1" Square Bar Stock	7.03	
		For 316 Stainless Steel, Add	15.58	
		For Galvanized Steel, Add	3.02	
		For Aluminum, Add	0.88	
		For 304 Stainless Steel, Add	13.88	
05 12 23 00-0653	LF	1-1/4" Square Bar Stock	11.00	
		For 316 Stainless Steel, Add	24.32	
		For Galvanized Steel, Add	4.71	
		For Aluminum, Add	1.37	
		For 304 Stainless Steel, Add	21.66	
05 12 23 00-0654	LF	1-1/2" Square Bar Stock	15.70	
		For 316 Stainless Steel, Add	35.01	
		For Galvanized Steel, Add	6.78	
		For Aluminum, Add	1.97	
		For 304 Stainless Steel, Add	31.18	
05 12 23 00-0655	LF	1-3/4" Square Bar Stock	23.14	
		For 316 Stainless Steel, Add	48.67	
		For Galvanized Steel, Add	9.43	
		For Aluminum, Add	2.74	
		For 304 Stainless Steel, Add	43.35	
05 12 23 00-0656	LF	2" Square Bar Stock	32.78	
		For 316 Stainless Steel, Add	62.27	
		For Galvanized Steel, Add	12.07	
		For Aluminum, Add	3.50	
		For 304 Stainless Steel, Add	55.46	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0657		Steel Tubing (05 12 23 00-0408) Note: General purpose low-carbon steel.		
05 12 23 00-0658		Square Steel Tubing (05 12 23 00-0657)		
05 12 23 00-0659		0.06" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0660	LF	1/2" x 1/2" x 0.06" Square Steel Tubing.....	2.48	0.51
		For >100 To 250, Deduct	-0.05	
		For >250 To 500, Deduct	-0.11	
		For >500 To 1,000, Deduct	-0.19	
		For >1,000, Deduct	-0.27	
		For 316 Stainless Steel, Add	5.73	
		For Galvanized Steel, Add	1.11	
		For Aluminum, Add	0.32	
		For 304 Stainless Steel, Add	5.10	
05 12 23 00-0661	LF	3/4" x 3/4" x 0.06" Square Steel Tubing.....	3.79	0.81
		For >100 To 250, Deduct	-0.08	
		For >250 To 500, Deduct	-0.18	
		For >500 To 1,000, Deduct	-0.30	
		For >1,000, Deduct	-0.42	
		For 316 Stainless Steel, Add	8.70	
		For Galvanized Steel, Add	1.69	
		For Aluminum, Add	0.49	
		For 304 Stainless Steel, Add	7.75	
05 12 23 00-0662	LF	1" x 1" x 0.06" Square Steel Tubing.....	5.10	1.46
		For >100 To 250, Deduct	-0.11	
		For >250 To 500, Deduct	-0.24	
		For >500 To 1,000, Deduct	-0.40	
		For >1,000, Deduct	-0.57	
		For 316 Stainless Steel, Add	11.65	
		For Galvanized Steel, Add	2.26	
		For Aluminum, Add	0.66	
		For 304 Stainless Steel, Add	10.37	
05 12 23 00-0663	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing.....	6.76	1.39
		For >100 To 250, Deduct	-0.14	
		For >250 To 500, Deduct	-0.31	
		For >500 To 1,000, Deduct	-0.52	
		For >1,000, Deduct	-0.74	
		For 316 Stainless Steel, Add	15.71	
		For Galvanized Steel, Add	3.04	
		For Aluminum, Add	0.88	
		For 304 Stainless Steel, Add	13.99	
05 12 23 00-0664	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing.....	8.00	1.67
		For >100 To 250, Deduct	-0.17	
		For >250 To 500, Deduct	-0.37	
		For >500 To 1,000, Deduct	-0.62	
		For >1,000, Deduct	-0.88	
		For 316 Stainless Steel, Add	18.43	
		For Galvanized Steel, Add	3.57	
		For Aluminum, Add	1.04	
		For 304 Stainless Steel, Add	16.42	
05 12 23 00-0665		0.083" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0666	LF	3/4" x 3/4" x 0.083" Square Steel Tubing.....	4.42	0.94
		For >100 To 250, Deduct	-0.09	
		For >250 To 500, Deduct	-0.21	
		For >500 To 1,000, Deduct	-0.35	
		For >1,000, Deduct	-0.49	
		For 316 Stainless Steel, Add	10.11	
		For Galvanized Steel, Add	1.96	
		For Aluminum, Add	0.57	
		For 304 Stainless Steel, Add	9.01	
05 12 23 00-0667	LF	1" x 1" x 0.083" Square Steel Tubing.....	6.45	1.29
		For >100 To 250, Deduct	-0.13	
		For >250 To 500, Deduct	-0.29	
		For >500 To 1,000, Deduct	-0.49	
		For >1,000, Deduct	-0.70	
		For 316 Stainless Steel, Add	15.14	
		For Galvanized Steel, Add	2.93	
		For Aluminum, Add	0.85	
		For 304 Stainless Steel, Add	13.48	
05 12 23 00-0668	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing.....	7.78	1.64
		For >100 To 250, Deduct	-0.17	
		For >250 To 500, Deduct	-0.36	
		For >500 To 1,000, Deduct	-0.61	
		For >1,000, Deduct	-0.86	
		For 316 Stainless Steel, Add	17.86	
		For Galvanized Steel, Add	3.46	
		For Aluminum, Add	1.00	
		For 304 Stainless Steel, Add	15.90	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0669	LF		1-1/2" x 1-1/2" x 0.083" Square Steel Tubing.....	9.39	2.00
			For >100 To 250, Deduct	-0.20	
			For >250 To 500, Deduct	-0.43	
			For >500 To 1,000, Deduct	-0.74	
			For >1,000, Deduct	-1.04	
			For 316 Stainless Steel, Add	21.54	
			For Galvanized Steel, Add	4.17	
			For Aluminum, Add	1.21	
			For 304 Stainless Steel, Add	19.18	
05 12 23 00-0670	LF		2" x 2" x 0.083" Square Steel Tubing.....	12.02	2.66
			For >100 To 250, Deduct	-0.27	
			For >250 To 500, Deduct	-0.57	
			For >500 To 1,000, Deduct	-0.96	
			For >1,000, Deduct	-1.35	
			For 316 Stainless Steel, Add	27.10	
			For Galvanized Steel, Add	5.25	
			For Aluminum, Add	1.52	
			For 304 Stainless Steel, Add	24.14	
05 12 23 00-0671			0.12" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0672	LF		1" x 1" x 0.12" Square Steel Tubing.....	7.10	1.54
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.33	
			For >500 To 1,000, Deduct	-0.56	
			For >1,000, Deduct	-0.79	
			For 316 Stainless Steel, Add	16.13	
			For Galvanized Steel, Add	3.12	
			For Aluminum, Add	0.91	
			For 304 Stainless Steel, Add	14.36	
05 12 23 00-0673	LF		1-1/4" x 1-1/4" x 0.12" Square Steel Tubing.....	9.13	1.98
			For >100 To 250, Deduct	-0.20	
			For >250 To 500, Deduct	-0.43	
			For >500 To 1,000, Deduct	-0.72	
			For >1,000, Deduct	-1.01	
			For 316 Stainless Steel, Add	20.80	
			For Galvanized Steel, Add	4.03	
			For Aluminum, Add	1.17	
			For 304 Stainless Steel, Add	18.53	
05 12 23 00-0674	LF		1-1/2" x 1-1/2" x 0.12" Square Steel Tubing.....	11.22	2.41
			For >100 To 250, Deduct	-0.24	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.88	
			For >1,000, Deduct	-1.24	
			For 316 Stainless Steel, Add	25.60	
			For Galvanized Steel, Add	4.96	
			For Aluminum, Add	1.44	
			For 304 Stainless Steel, Add	22.80	
05 12 23 00-0675	LF		2" x 2" x 0.12" Square Steel Tubing.....	15.18	3.29
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.71	
			For >500 To 1,000, Deduct	-1.20	
			For >1,000, Deduct	-1.69	
			For 316 Stainless Steel, Add	34.53	
			For Galvanized Steel, Add	6.69	
			For Aluminum, Add	1.94	
			For 304 Stainless Steel, Add	30.75	
05 12 23 00-0676			1/8" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0677	LF		2" x 2" x 1/8" Square Steel Tubing.....	13.56	3.42
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.68	
			For >500 To 1,000, Deduct	-1.13	
			For >1,000, Deduct	-1.59	
			For 316 Stainless Steel, Add	28.80	
			For Galvanized Steel, Add	5.58	
			For Aluminum, Add	1.62	
			For 304 Stainless Steel, Add	25.65	
05 12 23 00-0678	LF		2-1/2" x 2-1/2" x 1/8" Square Steel Tubing.....	17.92	4.33
			For >100 To 250, Deduct	-0.43	
			For >250 To 500, Deduct	-0.88	
			For >500 To 1,000, Deduct	-1.47	
			For >1,000, Deduct	-2.07	
			For 316 Stainless Steel, Add	38.88	
			For Galvanized Steel, Add	7.53	
			For Aluminum, Add	2.19	
			For 304 Stainless Steel, Add	34.63	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0679	LF	3" x 3" x 1/8" Square Steel Tubing	.....	20.95	5.23
		For >100 To 250, Deduct	.....	-0.52	
		For >250 To 500, Deduct	.....	-1.05	
		For >500 To 1,000, Deduct	.....	-1.75	
		For >1,000, Deduct	.....	-2.44	
		For 316 Stainless Steel, Add	.....	44.70	
		For Galvanized Steel, Add	.....	8.66	
		For Aluminum, Add	.....	2.51	
		For 304 Stainless Steel, Add	.....	39.81	
05 12 23 00-0680	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	.....	24.27	6.15
		For >100 To 250, Deduct	.....	-0.62	
		For >250 To 500, Deduct	.....	-1.22	
		For >500 To 1,000, Deduct	.....	-2.03	
		For >1,000, Deduct	.....	-2.85	
		For 316 Stainless Steel, Add	.....	51.42	
		For Galvanized Steel, Add	.....	9.96	
		For Aluminum, Add	.....	2.89	
		For 304 Stainless Steel, Add	.....	45.80	
05 12 23 00-0681	LF	4" x 4" x 1/8" Square Steel Tubing	.....	26.66	7.06
		For >100 To 250, Deduct	.....	-0.71	
		For >250 To 500, Deduct	.....	-1.37	
		For >500 To 1,000, Deduct	.....	-2.27	
		For >1,000, Deduct	.....	-3.18	
		For 316 Stainless Steel, Add	.....	55.20	
		For Galvanized Steel, Add	.....	10.70	
		For Aluminum, Add	.....	3.11	
		For 304 Stainless Steel, Add	.....	49.16	
05 12 23 00-0682		3/16" Wall Thickness (05 12 23 00-0658)			
05 12 23 00-0683	LF	2" x 2" x 3/16" Square Steel Tubing	.....	15.38	3.85
		For >100 To 250, Deduct	.....	-0.39	
		For >250 To 500, Deduct	.....	-0.77	
		For >500 To 1,000, Deduct	.....	-1.28	
		For >1,000, Deduct	.....	-1.80	
		For 316 Stainless Steel, Add	.....	32.77	
		For Galvanized Steel, Add	.....	6.35	
		For Aluminum, Add	.....	1.84	
		For 304 Stainless Steel, Add	.....	29.18	
05 12 23 00-0684	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	.....	19.90	4.99
		For >100 To 250, Deduct	.....	-0.50	
		For >250 To 500, Deduct	.....	-1.00	
		For >500 To 1,000, Deduct	.....	-1.66	
		For >1,000, Deduct	.....	-2.32	
		For 316 Stainless Steel, Add	.....	42.40	
		For Galvanized Steel, Add	.....	8.22	
		For Aluminum, Add	.....	2.39	
		For 304 Stainless Steel, Add	.....	37.76	
05 12 23 00-0685	LF	3" x 3" x 3/16" Square Steel Tubing	.....	24.45	6.13
		For >100 To 250, Deduct	.....	-0.61	
		For >250 To 500, Deduct	.....	-1.22	
		For >500 To 1,000, Deduct	.....	-2.04	
		For >1,000, Deduct	.....	-2.86	
		For 316 Stainless Steel, Add	.....	52.10	
		For Galvanized Steel, Add	.....	10.09	
		For Aluminum, Add	.....	2.93	
		For 304 Stainless Steel, Add	.....	46.40	
05 12 23 00-0686	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	.....	29.01	7.27
		For >100 To 250, Deduct	.....	-0.73	
		For >250 To 500, Deduct	.....	-1.45	
		For >500 To 1,000, Deduct	.....	-2.42	
		For >1,000, Deduct	.....	-3.39	
		For 316 Stainless Steel, Add	.....	61.82	
		For Galvanized Steel, Add	.....	11.98	
		For Aluminum, Add	.....	3.48	
		For 304 Stainless Steel, Add	.....	55.06	
05 12 23 00-0687	LF	4" x 4" x 3/16" Square Steel Tubing	.....	33.52	8.40
		For >100 To 250, Deduct	.....	-0.84	
		For >250 To 500, Deduct	.....	-1.68	
		For >500 To 1,000, Deduct	.....	-2.80	
		For >1,000, Deduct	.....	-3.91	
		For 316 Stainless Steel, Add	.....	71.42	
		For Galvanized Steel, Add	.....	13.84	
		For Aluminum, Add	.....	4.02	
		For 304 Stainless Steel, Add	.....	63.61	
05 12 23 00-0688	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	.....	38.09	9.55
		For >100 To 250, Deduct	.....	-0.95	
		For >250 To 500, Deduct	.....	-1.91	
		For >500 To 1,000, Deduct	.....	-3.18	
		For >1,000, Deduct	.....	-4.45	
		For 316 Stainless Steel, Add	.....	81.15	
		For Galvanized Steel, Add	.....	15.72	
		For Aluminum, Add	.....	4.56	
		For 304 Stainless Steel, Add	.....	72.28	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0689	LF		5" x 5" x 3/16" Square Steel Tubing	42.61	10.68
			For >100 To 250, Deduct	-1.07	
			For >250 To 500, Deduct	-2.13	
			For >500 To 1,000, Deduct	-3.55	
			For >1,000, Deduct	-4.98	
			For 316 Stainless Steel, Add	90.78	
			For Galvanized Steel, Add	17.59	
			For Aluminum, Add	5.11	
			For 304 Stainless Steel, Add	80.85	
05 12 23 00-0690	LF		6" x 6" x 3/16" Square Steel Tubing	51.73	12.96
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-2.59	
			For >500 To 1,000, Deduct	-4.32	
			For >1,000, Deduct	-6.04	
			For 316 Stainless Steel, Add	110.21	
			For Galvanized Steel, Add	21.35	
			For Aluminum, Add	6.20	
			For 304 Stainless Steel, Add	98.15	
05 12 23 00-0691			1/4" Wall Thickness (05 12 23 00-0658)		
05 12 23 00-0692	LF		2" x 2" x 1/4" Square Steel Tubing	16.47	3.86
			For >100 To 250, Deduct	-0.39	
			For >250 To 500, Deduct	-0.80	
			For >500 To 1,000, Deduct	-1.34	
			For >1,000, Deduct	-1.88	
			For 316 Stainless Steel, Add	36.22	
			For Galvanized Steel, Add	7.02	
			For Aluminum, Add	2.04	
			For 304 Stainless Steel, Add	32.26	
05 12 23 00-0693	LF		2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	21.64	5.07
			For >100 To 250, Deduct	-0.51	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.76	
			For >1,000, Deduct	-2.47	
			For 316 Stainless Steel, Add	47.58	
			For Galvanized Steel, Add	9.22	
			For Aluminum, Add	2.68	
			For 304 Stainless Steel, Add	42.38	
05 12 23 00-0694	LF		3" x 3" x 1/4" Square Steel Tubing	26.81	6.29
			For >100 To 250, Deduct	-0.63	
			For >250 To 500, Deduct	-1.30	
			For >500 To 1,000, Deduct	-2.18	
			For >1,000, Deduct	-3.06	
			For 316 Stainless Steel, Add	58.98	
			For Galvanized Steel, Add	11.43	
			For Aluminum, Add	3.32	
			For 304 Stainless Steel, Add	52.53	
05 12 23 00-0695	LF		3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	31.98	7.50
			For >100 To 250, Deduct	-0.75	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.60	
			For >1,000, Deduct	-3.65	
			For 316 Stainless Steel, Add	70.34	
			For Galvanized Steel, Add	13.63	
			For Aluminum, Add	3.96	
			For 304 Stainless Steel, Add	62.64	
05 12 23 00-0696	LF		4" x 4" x 1/4" Square Steel Tubing	37.16	8.71
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.80	
			For >500 To 1,000, Deduct	-3.02	
			For >1,000, Deduct	-4.24	
			For 316 Stainless Steel, Add	81.73	
			For Galvanized Steel, Add	15.83	
			For Aluminum, Add	4.60	
			For 304 Stainless Steel, Add	72.79	
05 12 23 00-0697	LF		4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	42.34	9.92
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-2.05	
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.83	
			For 316 Stainless Steel, Add	93.12	
			For Galvanized Steel, Add	18.04	
			For Aluminum, Add	5.24	
			For 304 Stainless Steel, Add	82.94	
05 12 23 00-0698	LF		5" x 5" x 1/4" Square Steel Tubing	47.54	11.14
			For >100 To 250, Deduct	-1.12	
			For >250 To 500, Deduct	-2.30	
			For >500 To 1,000, Deduct	-3.86	
			For >1,000, Deduct	-5.42	
			For 316 Stainless Steel, Add	104.54	
			For Galvanized Steel, Add	20.26	
			For Aluminum, Add	5.88	
			For 304 Stainless Steel, Add	93.11	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0699	LF		6" x 6" x 1/4" Square Steel Tubing	57.88	13.57
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.80	
			For >500 To 1,000, Deduct	-4.70	
			For >1,000, Deduct	-6.60	
			For 316 Stainless Steel, Add	127.30	
			For Galvanized Steel, Add	24.66	
			For Aluminum, Add	7.16	
			For 304 Stainless Steel, Add	113.37	
05 12 23 00-0700			Rectangular Steel Tubing (05 12 23 00-0657)		
05 12 23 00-0701			3/16" Wall Thickness (05 12 23 00-0700)		
05 12 23 00-0702	LF		3" x 2" x 3/16" Square Steel Tubing	19.90	4.99
			For >100 To 250, Deduct	-0.50	
			For >250 To 500, Deduct	-1.00	
			For >500 To 1,000, Deduct	-1.66	
			For >1,000, Deduct	-2.32	
			For 316 Stainless Steel, Add	42.40	
			For Galvanized Steel, Add	8.22	
			For Aluminum, Add	2.39	
			For 304 Stainless Steel, Add	37.76	
05 12 23 00-0703	LF		4" x 2" x 3/16" Square Steel Tubing	24.45	6.13
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.22	
			For >500 To 1,000, Deduct	-2.04	
			For >1,000, Deduct	-2.86	
			For 316 Stainless Steel, Add	52.10	
			For Galvanized Steel, Add	10.09	
			For Aluminum, Add	2.93	
			For 304 Stainless Steel, Add	46.40	
05 12 23 00-0704	LF		4" x 3" x 3/16" Square Steel Tubing	29.01	7.27
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.45	
			For >500 To 1,000, Deduct	-2.42	
			For >1,000, Deduct	-3.39	
			For 316 Stainless Steel, Add	61.82	
			For Galvanized Steel, Add	11.98	
			For Aluminum, Add	3.48	
			For 304 Stainless Steel, Add	55.06	
05 12 23 00-0705	LF		5" x 2" x 3/16" Square Steel Tubing	29.01	7.27
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.45	
			For >500 To 1,000, Deduct	-2.42	
			For >1,000, Deduct	-3.39	
			For 316 Stainless Steel, Add	61.82	
			For Galvanized Steel, Add	11.98	
			For Aluminum, Add	3.48	
			For 304 Stainless Steel, Add	55.06	
05 12 23 00-0706	LF		5" x 3" x 3/16" Square Steel Tubing	33.52	8.40
			For >100 To 250, Deduct	-0.84	
			For >250 To 500, Deduct	-1.68	
			For >500 To 1,000, Deduct	-2.80	
			For >1,000, Deduct	-3.91	
			For 316 Stainless Steel, Add	71.42	
			For Galvanized Steel, Add	13.84	
			For Aluminum, Add	4.02	
			For 304 Stainless Steel, Add	63.61	
05 12 23 00-0707	LF		5" x 4" x 3/16" Square Steel Tubing	38.09	9.55
			For >100 To 250, Deduct	-0.95	
			For >250 To 500, Deduct	-1.91	
			For >500 To 1,000, Deduct	-3.18	
			For >1,000, Deduct	-4.45	
			For 316 Stainless Steel, Add	81.15	
			For Galvanized Steel, Add	15.72	
			For Aluminum, Add	4.56	
			For 304 Stainless Steel, Add	72.28	
05 12 23 00-0708	LF		6" x 2" x 3/16" Square Steel Tubing	33.52	8.40
			For >100 To 250, Deduct	-0.84	
			For >250 To 500, Deduct	-1.68	
			For >500 To 1,000, Deduct	-2.80	
			For >1,000, Deduct	-3.91	
			For 316 Stainless Steel, Add	71.42	
			For Galvanized Steel, Add	13.84	
			For Aluminum, Add	4.02	
			For 304 Stainless Steel, Add	63.61	
05 12 23 00-0709	LF		6" x 3" x 3/16" Square Steel Tubing	38.09	9.55
			For >100 To 250, Deduct	-0.95	
			For >250 To 500, Deduct	-1.91	
			For >500 To 1,000, Deduct	-3.18	
			For >1,000, Deduct	-4.45	
			For 316 Stainless Steel, Add	81.15	
			For Galvanized Steel, Add	15.72	
			For Aluminum, Add	4.56	
			For 304 Stainless Steel, Add	72.28	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0710	LF		6" x 4" x 3/16" Square Steel Tubing	42.61	10.68
			For >100 To 250, Deduct	-1.07	
			For >250 To 500, Deduct	-2.13	
			For >500 To 1,000, Deduct	-3.55	
			For >1,000, Deduct	-4.98	
			For 316 Stainless Steel, Add	90.78	
			For Galvanized Steel, Add	17.59	
			For Aluminum, Add	5.11	
			For 304 Stainless Steel, Add	80.85	
05 12 23 00-0711			1/4" Wall Thickness (05 12 23 00-0700)		
05 12 23 00-0712	LF		3" x 2" x 1/4" Square Steel Tubing	21.64	5.07
			For >100 To 250, Deduct	-0.51	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.76	
			For >1,000, Deduct	-2.47	
			For 316 Stainless Steel, Add	47.58	
			For Galvanized Steel, Add	9.22	
			For Aluminum, Add	2.68	
			For 304 Stainless Steel, Add	42.38	
05 12 23 00-0713	LF		4" x 2" x 1/4" Square Steel Tubing	26.81	6.29
			For >100 To 250, Deduct	-0.63	
			For >250 To 500, Deduct	-1.30	
			For >500 To 1,000, Deduct	-2.18	
			For >1,000, Deduct	-3.06	
			For 316 Stainless Steel, Add	58.98	
			For Galvanized Steel, Add	11.43	
			For Aluminum, Add	3.32	
			For 304 Stainless Steel, Add	52.53	
05 12 23 00-0714	LF		4" x 3" x 1/4" Square Steel Tubing	31.98	7.50
			For >100 To 250, Deduct	-0.75	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.60	
			For >1,000, Deduct	-3.65	
			For 316 Stainless Steel, Add	70.34	
			For Galvanized Steel, Add	13.63	
			For Aluminum, Add	3.96	
			For 304 Stainless Steel, Add	62.64	
05 12 23 00-0715	LF		5" x 2" x 1/4" Square Steel Tubing	31.98	7.50
			For >100 To 250, Deduct	-0.75	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.60	
			For >1,000, Deduct	-3.65	
			For 316 Stainless Steel, Add	70.34	
			For Galvanized Steel, Add	13.63	
			For Aluminum, Add	3.96	
			For 304 Stainless Steel, Add	62.64	
05 12 23 00-0716	LF		5" x 3" x 1/4" Square Steel Tubing	37.16	8.71
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.80	
			For >500 To 1,000, Deduct	-3.02	
			For >1,000, Deduct	-4.24	
			For 316 Stainless Steel, Add	81.73	
			For Galvanized Steel, Add	15.83	
			For Aluminum, Add	4.60	
			For 304 Stainless Steel, Add	72.79	
05 12 23 00-0717	LF		5" x 4" x 1/4" Square Steel Tubing	42.34	9.92
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-2.05	
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.83	
			For 316 Stainless Steel, Add	93.12	
			For Galvanized Steel, Add	18.04	
			For Aluminum, Add	5.24	
			For 304 Stainless Steel, Add	82.94	
05 12 23 00-0718	LF		6" x 2" x 1/4" Square Steel Tubing	37.16	8.71
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.80	
			For >500 To 1,000, Deduct	-3.02	
			For >1,000, Deduct	-4.24	
			For 316 Stainless Steel, Add	81.73	
			For Galvanized Steel, Add	15.83	
			For Aluminum, Add	4.60	
			For 304 Stainless Steel, Add	72.79	
05 12 23 00-0719	LF		6" x 3" x 1/4" Square Steel Tubing	42.34	9.92
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-2.05	
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.83	
			For 316 Stainless Steel, Add	93.12	
			For Galvanized Steel, Add	18.04	
			For Aluminum, Add	5.24	
			For 304 Stainless Steel, Add	82.94	



		Metals	05	
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0720	LF	6" x 4" x 1/4" Square Steel Tubing.....	47.54	11.14
		For >100 To 250, Deduct	-1.12	
		For >250 To 500, Deduct	-2.30	
		For >500 To 1,000, Deduct	-3.86	
		For >1,000, Deduct	-5.42	
		For 316 Stainless Steel, Add	104.54	
		For Galvanized Steel, Add	20.26	
		For Aluminum, Add	5.88	
		For 304 Stainless Steel, Add	93.11	
05 12 23 00-0721		Round Steel Tubing (05 12 23 00-0657)		
05 12 23 00-0722		0.065" Wall Thickness (05 12 23 00-0721)		
05 12 23 00-0723	LF	1" Diameter x 0.065" Round Steel Tubing.....	4.41	0.93
		For >100 To 250, Deduct	-0.09	
		For >250 To 500, Deduct	-0.20	
		For >500 To 1,000, Deduct	-0.34	
		For >1,000, Deduct	-0.48	
		For 316 Stainless Steel, Add	10.18	
		For Galvanized Steel, Add	1.97	
		For Aluminum, Add	0.57	
		For 304 Stainless Steel, Add	9.06	
05 12 23 00-0724	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	5.59	1.17
		For >100 To 250, Deduct	-0.12	
		For >250 To 500, Deduct	-0.26	
		For >500 To 1,000, Deduct	-0.44	
		For >1,000, Deduct	-0.61	
		For 316 Stainless Steel, Add	12.90	
		For Galvanized Steel, Add	2.50	
		For Aluminum, Add	0.73	
		For 304 Stainless Steel, Add	11.49	
05 12 23 00-0725	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	6.78	1.42
		For >100 To 250, Deduct	-0.14	
		For >250 To 500, Deduct	-0.31	
		For >500 To 1,000, Deduct	-0.53	
		For >1,000, Deduct	-0.75	
		For 316 Stainless Steel, Add	15.62	
		For Galvanized Steel, Add	3.03	
		For Aluminum, Add	0.88	
		For 304 Stainless Steel, Add	13.91	
05 12 23 00-0726	LF	2" Diameter x 0.065" Round Steel Tubing.....	9.13	1.92
		For >100 To 250, Deduct	-0.19	
		For >250 To 500, Deduct	-0.42	
		For >500 To 1,000, Deduct	-0.71	
		For >1,000, Deduct	-1.00	
		For 316 Stainless Steel, Add	21.06	
		For Galvanized Steel, Add	4.08	
		For Aluminum, Add	1.18	
		For 304 Stainless Steel, Add	18.75	
05 12 23 00-0727	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	11.50	2.41
		For >100 To 250, Deduct	-0.24	
		For >250 To 500, Deduct	-0.53	
		For >500 To 1,000, Deduct	-0.90	
		For >1,000, Deduct	-1.27	
		For 316 Stainless Steel, Add	26.50	
		For Galvanized Steel, Add	5.13	
		For Aluminum, Add	1.49	
		For 304 Stainless Steel, Add	23.60	
05 12 23 00-0728	LF	3" Diameter x 0.065" Round Steel Tubing.....	13.85	2.90
		For >100 To 250, Deduct	-0.29	
		For >250 To 500, Deduct	-0.64	
		For >500 To 1,000, Deduct	-1.08	
		For >1,000, Deduct	-1.52	
		For 316 Stainless Steel, Add	31.94	
		For Galvanized Steel, Add	6.19	
		For Aluminum, Add	1.80	
		For 304 Stainless Steel, Add	28.44	
05 12 23 00-0729	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	16.23	3.41
		For >100 To 250, Deduct	-0.34	
		For >250 To 500, Deduct	-0.75	
		For >500 To 1,000, Deduct	-1.27	
		For >1,000, Deduct	-1.78	
		For 316 Stainless Steel, Add	37.41	
		For Galvanized Steel, Add	7.25	
		For Aluminum, Add	2.10	
		For 304 Stainless Steel, Add	33.32	
05 12 23 00-0730	LF	4" Diameter x 0.065" Round Steel Tubing.....	18.59	3.90
		For >100 To 250, Deduct	-0.39	
		For >250 To 500, Deduct	-0.85	
		For >500 To 1,000, Deduct	-1.45	
		For >1,000, Deduct	-2.04	
		For 316 Stainless Steel, Add	42.85	
		For Galvanized Steel, Add	8.30	
		For Aluminum, Add	2.41	
		For 304 Stainless Steel, Add	38.16	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0731 0.083" Wall Thickness (05 12 23 00-0721)			
05 12 23 00-0732	LF 1" Diameter x 0.083" Round Steel Tubing.....	4.79	1.02
	For >100 To 250, Deduct	-0.10	
	For >250 To 500, Deduct	-0.22	
	For >500 To 1,000, Deduct	-0.37	
	For >1,000, Deduct	-0.53	
	For 316 Stainless Steel, Add	11.01	
	For Galvanized Steel, Add	2.13	
	For Aluminum, Add	0.62	
	For 304 Stainless Steel, Add	9.80	
05 12 23 00-0733	LF 1-1/4" Diameter x 0.083" Round Steel Tubing.....	6.10	1.29
	For >100 To 250, Deduct	-0.13	
	For >250 To 500, Deduct	-0.28	
	For >500 To 1,000, Deduct	-0.48	
	For >1,000, Deduct	-0.67	
	For 316 Stainless Steel, Add	14.02	
	For Galvanized Steel, Add	2.72	
	For Aluminum, Add	0.79	
	For 304 Stainless Steel, Add	12.48	
05 12 23 00-0734	LF 1-1/2" Diameter x 0.083" Round Steel Tubing.....	7.41	1.57
	For >100 To 250, Deduct	-0.16	
	For >250 To 500, Deduct	-0.34	
	For >500 To 1,000, Deduct	-0.58	
	For >1,000, Deduct	-0.82	
	For 316 Stainless Steel, Add	17.02	
	For Galvanized Steel, Add	3.30	
	For Aluminum, Add	0.96	
	For 304 Stainless Steel, Add	15.16	
05 12 23 00-0735	LF 2" Diameter x 0.083" Round Steel Tubing.....	10.02	2.12
	For >100 To 250, Deduct	-0.21	
	For >250 To 500, Deduct	-0.46	
	For >500 To 1,000, Deduct	-0.78	
	For >1,000, Deduct	-1.11	
	For 316 Stainless Steel, Add	23.01	
	For Galvanized Steel, Add	4.46	
	For Aluminum, Add	1.29	
	For 304 Stainless Steel, Add	20.49	
05 12 23 00-0736	LF 2-1/2" Diameter x 0.083" Round Steel Tubing.....	12.64	2.67
	For >100 To 250, Deduct	-0.27	
	For >250 To 500, Deduct	-0.58	
	For >500 To 1,000, Deduct	-0.99	
	For >1,000, Deduct	-1.39	
	For 316 Stainless Steel, Add	29.02	
	For Galvanized Steel, Add	5.62	
	For Aluminum, Add	1.63	
	For 304 Stainless Steel, Add	25.85	
05 12 23 00-0737	LF 3" Diameter x 0.083" Round Steel Tubing.....	15.25	3.23
	For >100 To 250, Deduct	-0.32	
	For >250 To 500, Deduct	-0.70	
	For >500 To 1,000, Deduct	-1.19	
	For >1,000, Deduct	-1.68	
	For 316 Stainless Steel, Add	35.01	
	For Galvanized Steel, Add	6.78	
	For Aluminum, Add	1.97	
	For 304 Stainless Steel, Add	31.18	
05 12 23 00-0738	LF 3-1/2" Diameter x 0.083" Round Steel Tubing.....	17.86	3.78
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.82	
	For >500 To 1,000, Deduct	-1.40	
	For >1,000, Deduct	-1.97	
	For 316 Stainless Steel, Add	41.02	
	For Galvanized Steel, Add	7.95	
	For Aluminum, Add	2.31	
	For 304 Stainless Steel, Add	36.54	
05 12 23 00-0739	LF 4" Diameter x 0.083" Round Steel Tubing.....	20.48	4.34
	For >100 To 250, Deduct	-0.43	
	For >250 To 500, Deduct	-0.95	
	For >500 To 1,000, Deduct	-1.60	
	For >1,000, Deduct	-2.26	
	For 316 Stainless Steel, Add	47.04	
	For Galvanized Steel, Add	9.11	
	For Aluminum, Add	2.65	
	For 304 Stainless Steel, Add	41.90	

05 12 23 00-0740 0.125" Wall Thickness (05 12 23 00-0721)



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0741	LF	2" Diameter x 0.125" Round Steel Tubing.....	10.63	2.68
		For >100 To 250, Deduct	-0.27	
		For >250 To 500, Deduct	-0.53	
		For >500 To 1,000, Deduct	-0.89	
		For >1,000, Deduct	-1.24	
		For 316 Stainless Steel, Add	22.59	
		For Galvanized Steel, Add	4.38	
		For Aluminum, Add	1.27	
		For 304 Stainless Steel, Add	20.12	
05 12 23 00-0742	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	13.47	3.40
		For >100 To 250, Deduct	-0.34	
		For >250 To 500, Deduct	-0.68	
		For >500 To 1,000, Deduct	-1.13	
		For >1,000, Deduct	-1.58	
		For 316 Stainless Steel, Add	28.61	
		For Galvanized Steel, Add	5.54	
		For Aluminum, Add	1.61	
		For 304 Stainless Steel, Add	25.48	
05 12 23 00-0743	LF	3" Diameter x 0.125" Round Steel Tubing.....	16.30	4.10
		For >100 To 250, Deduct	-0.41	
		For >250 To 500, Deduct	-0.82	
		For >500 To 1,000, Deduct	-1.36	
		For >1,000, Deduct	-1.91	
		For 316 Stainless Steel, Add	34.62	
		For Galvanized Steel, Add	6.71	
		For Aluminum, Add	1.95	
		For 304 Stainless Steel, Add	30.84	
05 12 23 00-0744	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	19.13	4.82
		For >100 To 250, Deduct	-0.48	
		For >250 To 500, Deduct	-0.96	
		For >500 To 1,000, Deduct	-1.60	
		For >1,000, Deduct	-2.24	
		For 316 Stainless Steel, Add	40.64	
		For Galvanized Steel, Add	7.87	
		For Aluminum, Add	2.29	
		For 304 Stainless Steel, Add	36.20	
05 12 23 00-0745	LF	4" Diameter x 0.125" Round Steel Tubing.....	21.97	5.54
		For >100 To 250, Deduct	-0.55	
		For >250 To 500, Deduct	-1.10	
		For >500 To 1,000, Deduct	-1.84	
		For >1,000, Deduct	-2.57	
		For 316 Stainless Steel, Add	46.69	
		For Galvanized Steel, Add	9.05	
		For Aluminum, Add	2.63	
		For 304 Stainless Steel, Add	41.58	
05 12 23 00-0746		Flat Steel Bar (05 12 23 00-0408)		
05 12 23 00-0747		1/8" Thick (05 12 23 00-0746)		
05 12 23 00-0748	LF	1/8" Thick x 1" Wide Flat Steel Bar	2.97	1.33
		For 316 Stainless Steel, Add	3.10	
		For Galvanized Steel, Add	0.60	
		For Aluminum, Add	0.17	
		For 304 Stainless Steel, Add	2.76	
05 12 23 00-0749	LF	1/8" Thick x 2" Wide Flat Steel Bar	4.62	2.00
		For 316 Stainless Steel, Add	5.18	
		For Galvanized Steel, Add	1.00	
		For Aluminum, Add	0.29	
		For 304 Stainless Steel, Add	4.62	
05 12 23 00-0750	LF	1/8" Thick x 4" Wide Flat Steel Bar	7.17	2.81
		For 316 Stainless Steel, Add	9.41	
		For Galvanized Steel, Add	1.82	
		For Aluminum, Add	0.53	
		For 304 Stainless Steel, Add	8.38	
05 12 23 00-0751	LF	1/8" Thick x 6" Wide Flat Steel Bar	9.71	3.82
		For 316 Stainless Steel, Add	12.70	
		For Galvanized Steel, Add	2.46	
		For Aluminum, Add	0.71	
		For 304 Stainless Steel, Add	11.31	
05 12 23 00-0752		3/16" Thick (05 12 23 00-0746)		
05 12 23 00-0753	LF	3/16" Thick x 1" Wide Flat Steel Bar	3.96	1.65
		For 316 Stainless Steel, Add	4.74	
		For Galvanized Steel, Add	0.92	
		For Aluminum, Add	0.27	
		For 304 Stainless Steel, Add	4.22	
05 12 23 00-0754	LF	3/16" Thick x 2" Wide Flat Steel Bar	6.29	2.48
		For 316 Stainless Steel, Add	8.19	
		For Galvanized Steel, Add	1.59	
		For Aluminum, Add	0.46	
		For 304 Stainless Steel, Add	7.30	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0755	LF		3/16" Thick x 4" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	8.60 13.79 2.67 0.78 12.28	2.85
05 12 23 00-0756	LF		3/16" Thick x 6" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	11.90 19.07 3.70 1.07 16.99	3.96
05 12 23 00-0757			1/4" Thick (05 12 23 00-0746)		
05 12 23 00-0758	LF		1/4" Thick x 1" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	4.08 4.67 0.91 0.26 4.16	1.75
05 12 23 00-0759	LF		1/4" Thick x 2" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	6.90 9.47 1.84 0.53 8.44	2.62
05 12 23 00-0760	LF		1/4" Thick x 4" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	10.23 18.34 3.55 1.03 16.33	3.00
05 12 23 00-0761	LF		1/4" Thick x 6" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	14.79 25.98 5.03 1.46 23.14	4.44
05 12 23 00-0762			3/8" Thick (05 12 23 00-0746)		
05 12 23 00-0763	LF		3/8" Thick x 1" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	5.25 7.36 1.43 0.41 6.56	1.97
05 12 23 00-0764	LF		3/8" Thick x 2" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	8.68 13.57 2.63 0.76 12.08	2.95
05 12 23 00-0765	LF		3/8" Thick x 4" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	13.53 27.10 5.25 1.52 24.14	3.37
05 12 23 00-0766	LF		3/8" Thick x 6" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	19.42 38.14 7.39 2.15 33.97	4.98
05 12 23 00-0767			1/2" Thick (05 12 23 00-0746)		
05 12 23 00-0768	LF		1/2" Thick x 1" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	6.20 9.41 1.82 0.53 8.38	2.16
05 12 23 00-0769	LF		1/2" Thick x 2" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	10.29 17.31 3.35 0.97 15.42	3.26
05 12 23 00-0770	LF		1/2" Thick x 4" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	14.78 29.47 5.71 1.66 26.25	3.70
05 12 23 00-0771	LF		1/2" Thick x 6" Wide Flat Steel Bar For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	26.62 58.82 11.40 3.31 52.38	5.49

05 12 23 00-0772 Flat Steel Plate (05 12 23 00-0408)



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0773 SF 1/8" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	15.54 22.18 4.30 1.25 19.75	5.74
05 12 23 00-0774 SF 3/16" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	17.59 27.74 5.38 1.56 24.71	5.94
05 12 23 00-0775 SF 1/4" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	21.05 35.39 6.86 1.99 31.52	6.66
05 12 23 00-0776 SF 3/8" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	28.59 55.55 10.76 3.12 49.48	7.49
05 12 23 00-0777 SF 1/2" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	33.99 69.22 13.41 3.89 61.65	8.23
05 12 23 00-0778 SF 3/4" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	56.01 129.79 25.15 7.30 115.60	10.20
05 12 23 00-0779 SF 1" Thick Flat Steel Plate..... For 316 Stainless Steel, Add..... For Galvanized Steel, Add..... For Aluminum, Add..... For 304 Stainless Steel, Add.....	74.85 177.73 34.43 10.00 158.29	12.75

05 13 Structural Stainless-Steel Framing (05 10)

05 13 00 00-0001	Stainless Steel Tube (05 13)		
05 13 00 00-0002	LF 1" x 1" Stainless Steel Tube.....	27.59	
05 13 00 00-0003	LF 1-1/2" x 1-1/2" Stainless Steel Tube.....	35.80	
05 13 00 00-0004	LF 2" x 2" Stainless Steel Tube.....	47.90	

05 14 Structural Aluminum Framing (05 10)

05 14 13 Architecturally-Exposed Structural Aluminum Framing (05 14)

05 14 13 00-0001	Rolled Or Plate Shapes (05 14 13)		
Note: 1" through 10" member.			
05 14 13 00-0002	LB Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members.....	5.93	0.78
05 14 13 00-0003	LB Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members.....	5.24	0.72

05 14 13 00-0004 Aluminum Extrusions (05 14 13)

05 14 13 00-0005	LB Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members.....	10.58	3.21
05 14 13 00-0006	LB Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members.....	11.10	3.21

05 14 13 00-0007 Aluminum Tubing (05 14 13)

05 14 13 00-0008	LB Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members.....	11.72	3.23
05 14 13 00-0009	LF 1" x 1" Aluminum Tubing, 1/8" Wall Thickness.....	13.25	5.23
05 14 13 00-0010	LF 1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness.....	15.29	5.71
05 14 13 00-0011	LF 1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness.....	17.68	6.67
05 14 13 00-0012	LF 2" x 2" Aluminum Tubing, 1/8" Wall Thickness.....	20.10	7.14
05 14 13 00-0013	LF 4" x 4" Aluminum Tubing, 1/4" Wall Thickness.....	44.92	9.04
05 14 13 00-0014	LF 2" x 5" Aluminum Tubing, 1/4" Wall Thickness.....	37.59	8.09

05 14 13 00-0015 Columns (05 14 13)

Note: Baked on paint finish, load bearing.

05 14 13 00-0016 Round Columns (05 14 13 00-0015)

05 14 13 00-0017	LF 6" Diameter Aluminum Column.....	35.83	6.19
05 14 13 00-0018	LF 8" Diameter Aluminum Column.....	47.63	8.87
05 14 13 00-0019	LF 10" Diameter Aluminum Column.....	57.65	9.97
05 14 13 00-0020	LF 12" Diameter Aluminum Column.....	84.10	10.44
05 14 13 00-0021	LF 15" Diameter Aluminum Column.....	106.69	12.10
05 14 13 00-0022	EA 6" Diameter Aluminum Base And Cap.....	68.78	11.55
05 14 13 00-0023	EA 8" Diameter Aluminum Base And Cap.....	78.34	12.47
05 14 13 00-0024	EA 10" Diameter Aluminum Base And Cap.....	97.89	13.85
05 14 13 00-0025	EA 12" Diameter Aluminum Base And Cap.....	164.42	14.78

05 Metals**05 10 Structural Metal Framing****05 14 Structural Aluminum Framing**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap		248.37	16.17
05 14 13 00-0027		Octagonal Columns (05 14 13 00-0015)			
05 14 13 00-0028	LF	6" Diameter Aluminum Column		39.18	6.19
05 14 13 00-0029	LF	8" Diameter Aluminum Column		53.60	8.87
05 14 13 00-0030	LF	10" Diameter Aluminum Column		65.19	9.97
05 14 13 00-0031	LF	12" Diameter Aluminum Column		96.75	10.44
05 14 13 00-0032	LF	15" Diameter Aluminum Column		123.20	12.10
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap		77.92	11.55
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap		89.02	12.47
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap		111.93	13.85
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap		191.38	14.78
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap		291.57	16.17
05 14 13 00-0038		Fluted Columns (05 14 13 00-0015)			
05 14 13 00-0039	LF	6" Diameter Aluminum Column		43.22	6.19
05 14 13 00-0040	LF	8" Diameter Aluminum Column		58.97	8.87
05 14 13 00-0041	LF	10" Diameter Aluminum Column		71.98	9.97
05 14 13 00-0042	LF	12" Diameter Aluminum Column		108.15	10.44
05 14 13 00-0043	LF	15" Diameter Aluminum Column		138.06	12.10
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap		86.14	11.55
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap		98.63	12.47
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap		124.56	13.85
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap		215.66	14.78
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap		330.46	16.17
05 14 13 00-0049		Square Columns (05 14 13 00-0015)			
05 14 13 00-0050	LF	6" Aluminum Column		45.98	6.19
05 14 13 00-0051	LF	8" Aluminum Column		62.65	8.87
05 14 13 00-0052	LF	10" Aluminum Column		76.62	9.97
05 14 13 00-0053	LF	12" Aluminum Column		115.94	10.44
05 14 13 00-0054	LF	15" Aluminum Column		148.22	12.10
05 14 13 00-0055	EA	6" Aluminum Base And Cap		91.77	11.55
05 14 13 00-0056	EA	8" Aluminum Base And Cap		105.20	12.47
05 14 13 00-0057	EA	10" Aluminum Base And Cap		133.20	13.85
05 14 13 00-0058	EA	12" Aluminum Base And Cap		232.26	14.78
05 14 13 00-0059	EA	15" Aluminum Base And Cap		357.05	16.17
05 14 13 00-0060		Ornamental Or Decorative Cap And Bases (05 14 13 00-0015)			
05 14 13 00-0061	EA	8" Corinthian Capital And Base		492.80	13.85
05 14 13 00-0062	EA	10" Corinthian Capital And Base		723.00	16.17
05 14 13 00-0063	EA	12" Corinthian Capital And Base		1,140.03	18.47
05 14 13 00-0064	EA	8" Scamozzi Capital And Base		248.33	13.85
05 14 13 00-0065	EA	10" Scamozzi Capital And Base		331.46	16.17
05 14 13 00-0066	EA	12" Scamozzi Capital And Base		659.45	18.47
05 15 Wire Rope Assemblies					
05 15 16 Steel Wire Rope Assemblies					
05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)			
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		1.11	0.09
		For >500, Deduct		-0.19	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		1.51	0.09
		For >500, Deduct		-0.25	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		1.80	0.19
		For >500, Deduct		-0.29	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		2.19	0.19
		For >500, Deduct		-0.34	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		2.57	0.28
		For >500, Deduct		-0.38	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		3.15	0.38
		For >500, Deduct		-0.46	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		3.77	0.38
		For >500, Deduct		-0.55	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope		5.26	0.67
		For >500, Deduct		-0.75	



			Metals	05	05
			Structural Metal Framing	05 10	
			Wire Rope Assemblies	05 15	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST		
05 15 16 00-0010	LF 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.07		0.76	
	For >500, Deduct.....	-1.01			
05 15 16 00-0011	LF 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	8.85		1.05	
	For >500, Deduct.....	-1.23			
05 15 16 00-0012	LF 1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	10.94		1.33	
	For >500, Deduct.....	-1.52			
05 15 16 00-0013	LF 1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	13.34		1.61	
	For >500, Deduct.....	-1.85			
05 15 16 00-0014	6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)				
05 15 16 00-0015	LF 1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.30		0.09	
	For >500, Deduct.....	-0.23			
05 15 16 00-0016	LF 5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.69		0.09	
	For >500, Deduct.....	-0.29			
05 15 16 00-0017	LF 3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.11		0.19	
	For >500, Deduct.....	-0.35			
05 15 16 00-0018	LF 7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.43		0.19	
	For >500, Deduct.....	-0.39			
05 15 16 00-0019	LF 1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.91		0.28	
	For >500, Deduct.....	-0.45			
05 15 16 00-0020	LF 9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.38		0.38	
	For >500, Deduct.....	-0.51			
05 15 16 00-0021	LF 5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.96		0.38	
	For >500, Deduct.....	-0.59			
05 15 16 00-0022	LF 3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.82		0.67	
	For >500, Deduct.....	-0.86			
05 15 16 00-0023	LF 7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.48		0.76	
	For >500, Deduct.....	-1.09			
05 15 16 00-0024	LF 1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.24		1.05	
	For >500, Deduct.....	-1.32			
05 15 16 00-0025	LF 1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.83		1.33	
	For >500, Deduct.....	-1.69			
05 15 16 00-0026	LF 1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	14.38		1.61	
	For >500, Deduct.....	-2.06			
05 15 16 00-0027	6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope (05 15 16)				
05 15 16 00-0028	LF 1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.04		0.09	
	For >500, Deduct.....	-0.18			
05 15 16 00-0029	LF 5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.42		0.09	
	For >500, Deduct.....	-0.23			
05 15 16 00-0030	LF 3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.70		0.19	
	For >500, Deduct.....	-0.27			
05 15 16 00-0031	LF 7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.02		0.19	
	For >500, Deduct.....	-0.30			
05 15 16 00-0032	LF 1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.45		0.28	
	For >500, Deduct.....	-0.36			
05 15 16 00-0033	LF 9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.10		0.38	
	For >500, Deduct.....	-0.45			
05 15 16 00-0034	LF 5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.64		0.38	
	For >500, Deduct.....	-0.52			
05 15 16 00-0035	LF 3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	5.13		0.67	
	For >500, Deduct.....	-0.72			
05 15 16 00-0036	LF 7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	6.34		0.76	
	For >500, Deduct.....	-0.86			
05 15 16 00-0037	LF 1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	8.08		1.05	
	For >500, Deduct.....	-1.08			
05 15 16 00-0038	6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)				
05 15 16 00-0039	LF 1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.03		0.09	
	For >500, Deduct.....	-0.17			

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	1.37 -0.22	0.09
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	1.70 -0.27	0.19
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	2.02 -0.30	0.19
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	2.55 -0.38	0.28
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	3.05 -0.44	0.38
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	3.82 -0.56	0.38
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	5.36 -0.77	0.67
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	7.02 -1.00	0.76
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>For >500, Deduct</i>	8.70 -1.21	1.05
05 15 16 00-0049		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope (05 15 16)		
05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	1.92 -0.31	0.19
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	2.27 -0.35	0.19
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	2.68 -0.40	0.28
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	3.59 -0.55	0.38
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	3.98 -0.59	0.38
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	5.47 -0.79	0.67
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	7.05 -1.00	0.76
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	9.28 -1.32	1.05
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	11.26 -1.58	1.33
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	13.61 -1.91	1.61
05 15 16 00-0060		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope (05 15 16)		
05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	1.97 -0.32	0.19
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	2.39 -0.38	0.19
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	2.85 -0.44	0.28
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	3.96 -0.62	0.38
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	4.04 -0.60	0.38
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	5.59 -0.82	0.67
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	7.42 -1.08	0.76
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>For >500, Deduct</i>	9.40 -1.34	1.05



		Metals	05	05
		Structural Metal Framing	05 10	
		Wire Rope Assemblies	05 15	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
05 15 16 00-0069	19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope (05 15 16)				
05 15 16 00-0070	LF 1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	1.98		0.09	
	For >500, Deduct.....	-0.36			
05 15 16 00-0071	LF 5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	2.14		0.09	
	For >500, Deduct.....	-0.38			
05 15 16 00-0072	LF 3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	2.54		0.19	
	For >500, Deduct.....	-0.44			
05 15 16 00-0073	LF 7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.42		0.19	
	For >500, Deduct.....	-0.58			
05 15 16 00-0074	LF 1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.88		0.19	
	For >500, Deduct.....	-0.68			
05 15 16 00-0075	LF 9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	4.56		0.38	
	For >500, Deduct.....	-0.75			
05 15 16 00-0076	LF 5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	5.43		0.38	
	For >500, Deduct.....	-0.88			
05 15 16 00-0077	LF 3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	7.49		0.57	
	For >500, Deduct.....	-1.21			
05 15 16 00-0078	7x7, Galvanized Finish, Aircraft Cable (05 15 16)				
05 15 16 00-0079	LF 1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.24		0.07	
	For >500, Deduct.....	-0.03			
05 15 16 00-0080	LF 3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.28		0.08	
	For >500, Deduct.....	-0.03			
05 15 16 00-0081	LF 1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.32		0.08	
	For >500, Deduct.....	-0.04			
05 15 16 00-0082	LF 5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.37		0.09	
	For >500, Deduct.....	-0.04			
05 15 16 00-0083	LF 3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.45		0.09	
	For >500, Deduct.....	-0.05			
05 15 16 00-0084	7x19, Galvanized Finish, Aircraft Cable (05 15 16)				
05 15 16 00-0085	LF 1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable.....	0.43		0.08	
	For >500, Deduct.....	-0.06			
05 15 16 00-0086	LF 5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable.....	0.47		0.09	
	For >500, Deduct.....	-0.06			
05 15 16 00-0087	LF 3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable.....	0.54		0.09	
	For >500, Deduct.....	-0.07			
05 15 16 00-0088	LF 1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable.....	0.62		0.09	
	For >500, Deduct.....	-0.09			
05 15 16 00-0089	LF 5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable.....	0.94		0.09	
	For >500, Deduct.....	-0.14			
05 15 16 00-0090	LF 3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable.....	1.26		0.09	
	For >500, Deduct.....	-0.18			
05 15 16 00-0091	Heavy Duty, Galvanized Steel, Wire Rope Thimbles (05 15 16)				
05 15 16 00-0092	EA 1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	11.76		2.85	
05 15 16 00-0093	EA 5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	13.14		2.85	
05 15 16 00-0094	EA 3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	14.68		2.85	
05 15 16 00-0095	EA 7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	18.90		2.85	
05 15 16 00-0096	EA 1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	18.92		2.85	
05 15 16 00-0097	EA 9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	18.92		2.85	
05 15 16 00-0098	EA 5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	20.35		2.85	
05 15 16 00-0099	EA 3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	36.75		4.38	
05 15 16 00-0100	EA 7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	43.47		5.32	
05 15 16 00-0101	EA 1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	76.99		8.75	
05 15 16 00-0102	EA 1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	110.14		11.90	
05 15 16 00-0103	EA 1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	110.14		11.90	
05 15 16 00-0104	Galvanized Steel, Wire Rope Clips (05 15 16)				
05 15 16 00-0105	EA 1/8" Diameter, Galvanized Steel, Wire Rope Clip.....	13.70		2.85	
05 15 16 00-0106	EA 3/16" Diameter, Galvanized Steel, Wire Rope Clip.....	13.96		2.85	
05 15 16 00-0107	EA 1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	15.73		2.85	
05 15 16 00-0108	EA 5/16" Diameter, Galvanized Steel, Wire Rope Clip.....	16.01		2.85	
05 15 16 00-0109	EA 3/8" Diameter, Galvanized Steel, Wire Rope Clip.....	16.41		2.85	
05 15 16 00-0110	EA 7/16" Diameter, Galvanized Steel, Wire Rope Clip.....	20.21		2.85	
05 15 16 00-0111	EA 1/2" Diameter, Galvanized Steel, Wire Rope Clip.....	20.50		2.85	
05 15 16 00-0112	EA 9/16" Diameter, Galvanized Steel, Wire Rope Clip.....	23.29		2.85	
05 15 16 00-0113	EA 5/8" Diameter, Galvanized Steel, Wire Rope Clip.....	23.69		2.85	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip		32.66	3.80
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip		49.08	5.71
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip		53.67	5.71
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip		63.44	7.61
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip		92.20	11.42
05 15 16 00-0119 Steel, Open Swage Sockets (05 15 16)					
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket		70.52	2.85
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket		111.95	2.85
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket		115.72	3.80
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket		137.92	4.76
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket		137.92	4.76
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket		203.45	10.47
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket		203.45	10.47
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket		262.87	19.99
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket		354.47	28.55
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket		500.84	43.78
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket		669.09	68.52
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket		772.12	78.99
05 15 16 00-0132 Steel, Closed Swage Sockets (05 15 16)					
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket		56.95	2.85
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket		76.69	2.85
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket		76.69	2.85
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket		95.81	3.80
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket		96.86	3.80
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket		133.74	6.67
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket		138.28	7.61
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket		172.00	12.37
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket		223.42	18.08
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket		319.49	24.74
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket		397.39	34.26
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket		541.96	53.29
05 15 16 00-0145 Galvanized Steel, Open Spelter Sockets (05 15 16)					
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket		117.32	2.85
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket		120.68	2.85
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket		120.68	2.85
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket		135.78	5.71
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket		135.78	5.71
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket		179.14	9.52
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket		179.14	9.52
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket		227.95	14.27
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket		342.08	23.79
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket		619.01	37.11
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket		735.30	59.96
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket		993.38	78.99
05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets (05 15 16)					
05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket		98.54	2.85
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket		98.96	2.85
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket		98.96	2.85
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket		111.65	4.76
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket		111.65	4.76
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket		157.24	8.56
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket		157.24	8.56
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket		193.99	12.37
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket		283.58	19.03
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket		428.72	29.50
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket		561.57	39.97
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket		708.87	53.29
05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles (05 15 16)					
05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle		68.11	2.85
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct		-8.79	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle		72.98	2.85
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct		-9.52	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle		82.01	2.85
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct		-10.87	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle		91.41	3.80
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct		-11.31	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle		120.18	4.76
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct		-15.05	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle		136.57	5.71
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct		-17.05	



		Metals	05	05
		Structural Metal Framing	05 10	
		Wire Rope Assemblies	05 15	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	139.57	7.61
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-16.54	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	172.27	7.61
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-21.08	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	195.41	8.56
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-24.21	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	188.29	10.47
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-22.17	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	214.70	12.37
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-24.69	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	264.49	13.32
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-31.52	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	318.21	16.18
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-37.89	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	363.57	22.84
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-40.94	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	440.62	26.65
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-50.23	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	377.38	22.84
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-43.01	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	433.13	29.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-47.13	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	592.46	37.11
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-66.91	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	663.32	43.78
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-73.54	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	740.73	53.29
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-79.39	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	892.83	59.96
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-98.24	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,153.38	68.52
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-132.22	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,142.43	73.28
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-127.44	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,262.15	95.17
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-132.22	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,254.73	123.71
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-266.83	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,712.92	237.92
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-414.18	
05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts (05 15 16)				
05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	14.20	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	14.27	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	16.10	
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.24	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.15	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	26.24	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	31.56	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	42.71	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	57.39	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	83.62	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	99.52	
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	181.16	
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	207.79	
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	257.06	
05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts (05 15 16)				
05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	18.73	
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	16.88	
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	22.97	
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	15.35	
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	20.80	
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.46	
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.49	
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.96	
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	25.94	
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.78	
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.63	
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	18.80	
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.55	
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.61	
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	25.46	
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.11	
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.16	
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.96	
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.81	
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.38	
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.03	
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.15	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0236 EA 5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	50.65	
05 15 16 00-0237 EA 5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	58.44	
05 15 16 00-0238 EA 5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	48.23	
05 15 16 00-0239 EA 3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	48.22	
05 15 16 00-0240 EA 3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	49.19	
05 15 16 00-0241 EA 3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	54.40	
05 15 16 00-0242 EA 3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	58.68	
05 15 16 00-0243 EA 3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	68.62	
05 15 16 00-0244 EA 1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	90.95	
05 15 19 Stainless Steel Wire Rope Assemblies (05 15)		
05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0002 LF 1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.26	0.07
For >500, Deduct	-0.03	
05 15 19 00-0003 LF 3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.34	0.08
For >500, Deduct	-0.04	
05 15 19 00-0004 LF 1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.45	0.08
For >500, Deduct	-0.06	
05 15 19 00-0005 LF 5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.59	0.09
For >500, Deduct	-0.09	
05 15 19 00-0006 LF 3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.74	0.09
For >500, Deduct	-0.11	
05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0008 LF 1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.51	0.08
For >500, Deduct	-0.08	
05 15 19 00-0009 LF 5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.60	0.09
For >500, Deduct	-0.09	
05 15 19 00-0010 LF 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.70	0.09
For >500, Deduct	-0.10	
05 15 19 00-0011 LF 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.89	0.09
For >500, Deduct	-0.15	
05 15 19 00-0012 LF 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.36	0.09
For >500, Deduct	-0.22	
05 15 19 00-0013 LF 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	2.04	0.19
For >500, Deduct	-0.33	
05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0015 LF 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.26	0.07
For >500, Deduct	-0.03	
05 15 19 00-0016 LF 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.34	0.08
For >500, Deduct	-0.04	
05 15 19 00-0017 LF 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.45	0.08
For >500, Deduct	-0.06	
05 15 19 00-0018 LF 5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.59	0.09
For >500, Deduct	-0.09	
05 15 19 00-0019 LF 3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.74	0.09
For >500, Deduct	-0.11	
05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0021 LF 1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.51	0.08
For >500, Deduct	-0.08	
05 15 19 00-0022 LF 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.60	0.09
For >500, Deduct	-0.09	
05 15 19 00-0023 LF 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.70	0.09
For >500, Deduct	-0.10	
05 15 19 00-0024 LF 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.89	0.09
For >500, Deduct	-0.15	
05 15 19 00-0025 LF 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.36	0.09
For >500, Deduct	-0.22	
05 15 19 00-0026 LF 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	2.04	0.09
For >500, Deduct	-0.33	
05 20 Metal Joists (05)		
Note: Includes all connecting bolts and welds.		
05 21 Steel Joist Framing (05 20)		
05 21 19 Open Web Steel Joist Framing (05 21)		
05 21 19 00-0001 Open Web Joists (05 21 19)		
05 21 19 00-0002 TON H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,629.73	169.54
For Welded Cross Bridging, Add	211.92	
For Shop Prime Paint Other Than Manufacturer's Standard, Add	230.80	
05 21 19 00-0003 TON H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging.....	2,413.87	158.94
For Welded Cross Bridging, Add	188.38	
For Shop Prime Paint Other Than Manufacturer's Standard, Add	214.31	



			Metals	05	05
			Metal Joists	05 20	
			Steel Joist Framing	05 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 21 19 00-0004 TON LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,915.48	158.94
For Welded Cross Bridging, Add	195.62	
For Shop Prime Paint Other Than Manufacturer's Standard, Add	271.61	
05 21 19 00-0005 TON DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging.....	3,317.86	158.94
For Welded Cross Bridging, Add	195.62	
For Shop Prime Paint Other Than Manufacturer's Standard, Add	319.89	
05 21 19 00-0006 TON CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,919.52	158.94
For Welded Cross Bridging, Add	211.92	
For Shop Prime Paint Other Than Manufacturer's Standard, Add	265.57	
05 21 19 00-0007 TON SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,669.95	158.94
For Welded Cross Bridging, Add	195.62	
For Shop Prime Paint Other Than Manufacturer's Standard, Add	362.15	

05 30 Metal Decking ⁽⁰⁵⁾

Note: Includes all connecting bolts and welds.

05 31 Steel Decking ^(05 30)

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking ^(05 31)

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck ^(05 31 13)

05 31 13 00-0002 SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.24	
For Site Installed Insulation Between Ribs, Add	0.89	
For Painted, Deduct	-0.11	
For Perforated Or Slotted, Add	0.11	
For Up To 100, Add	1.30	
For >100 To 500, Add	0.65	
For >500 To 1,500, Add	0.27	
05 31 13 00-0003 SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.70	
For Site Installed Insulation Between Ribs, Add	1.02	
For Painted, Deduct	-0.12	
For Perforated Or Slotted, Add	0.12	
For Up To 100, Add	1.50	
For >100 To 500, Add	0.75	
For >500 To 1,500, Add	0.31	
05 31 13 00-0004 SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.61	
For Site Installed Insulation Between Ribs, Add	1.27	
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Up To 100, Add	1.82	
For >100 To 500, Add	0.91	
For >500 To 1,500, Add	0.38	
05 31 13 00-0005 SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.57	
For Site Installed Insulation Between Ribs, Add	0.98	
For Painted, Deduct	-0.12	
For Perforated Or Slotted, Add	0.12	
For Up To 100, Add	1.45	
For >100 To 500, Add	0.72	
For >500 To 1,500, Add	0.30	
05 31 13 00-0006 SF 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.10	
For Site Installed Insulation Between Ribs, Add	1.13	
For Painted, Deduct	-0.14	
For Perforated Or Slotted, Add	0.14	
For Up To 100, Add	1.65	
For >100 To 500, Add	0.82	
For >500 To 1,500, Add	0.35	
05 31 13 00-0007 SF 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.13	
For Site Installed Insulation Between Ribs, Add	1.41	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	2.04	
For >100 To 500, Add	1.02	
For >500 To 1,500, Add	0.43	
05 31 13 00-0008 SF 2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.99	
For Site Installed Insulation Between Ribs, Add	1.09	
For Painted, Deduct	-0.14	
For Perforated Or Slotted, Add	0.14	
For Up To 100, Add	1.54	
For >100 To 500, Add	0.78	
For >500 To 1,500, Add	0.32	
05 31 13 00-0009 SF 2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.62	
For Site Installed Insulation Between Ribs, Add	1.26	
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Up To 100, Add	1.77	
For >100 To 500, Add	0.90	
For >500 To 1,500, Add	0.36	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0010	SF		2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.76	
			For Site Installed Insulation Between Ribs, Add	1.57	
			For Painted, Deduct	-0.20	
			For Perforated Or Slotted, Add	0.20	
			For Up To 100, Add	2.19	
			For >100 To 500, Add	1.11	
			For >500 To 1,500, Add	0.45	
05 31 13 00-0011	SF		2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	6.92	
			For Site Installed Insulation Between Ribs, Add	1.86	
			For Painted, Deduct	-0.26	
			For Perforated Or Slotted, Add	0.26	
			For Up To 100, Add	2.30	
			For >100 To 500, Add	1.23	
			For >500 To 1,500, Add	0.45	
05 31 13 00-0012	SF		3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.42	
			For Site Installed Insulation Between Ribs, Add	1.21	
			For Painted, Deduct	-0.15	
			For Perforated Or Slotted, Add	0.15	
			For Up To 100, Add	1.65	
			For >100 To 500, Add	0.84	
			For >500 To 1,500, Add	0.34	
05 31 13 00-0013	SF		3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.12	
			For Site Installed Insulation Between Ribs, Add	1.39	
			For Painted, Deduct	-0.18	
			For Perforated Or Slotted, Add	0.18	
			For Up To 100, Add	1.87	
			For >100 To 500, Add	0.97	
			For >500 To 1,500, Add	0.38	
05 31 13 00-0014	SF		3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.39	
			For Site Installed Insulation Between Ribs, Add	1.74	
			For Painted, Deduct	-0.23	
			For Perforated Or Slotted, Add	0.23	
			For Up To 100, Add	2.33	
			For >100 To 500, Add	1.20	
			For >500 To 1,500, Add	0.47	
05 31 13 00-0015	SF		3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	8.00	
			For Site Installed Insulation Between Ribs, Add	2.17	
			For Painted, Deduct	-0.29	
			For Perforated Or Slotted, Add	0.29	
			For Up To 100, Add	2.85	
			For >100 To 500, Add	1.48	
			For >500 To 1,500, Add	0.57	
05 31 13 00-0016	SF		4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	11.14	
			For Site Installed Insulation Between Ribs, Add	2.94	
			For Painted, Deduct	-0.45	
			For Perforated Or Slotted, Add	0.45	
			For Up To 100, Add	2.96	
			For >100 To 500, Add	1.73	
			For >500 To 1,500, Add	0.51	
05 31 13 00-0017	SF		4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	14.05	
			For Site Installed Insulation Between Ribs, Add	3.70	
			For Painted, Deduct	-0.58	
			For Perforated Or Slotted, Add	0.58	
			For Up To 100, Add	3.66	
			For >100 To 500, Add	2.16	
			For >500 To 1,500, Add	0.63	
05 31 13 00-0018	SF		6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	12.50	
			For Site Installed Insulation Between Ribs, Add	3.26	
			For Painted, Deduct	-0.53	
			For Perforated Or Slotted, Add	0.53	
			For Up To 100, Add	2.90	
			For >100 To 500, Add	1.80	
			For >500 To 1,500, Add	0.46	
05 31 13 00-0019	SF		6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	13.31	
			For Site Installed Insulation Between Ribs, Add	3.50	
			For Painted, Deduct	-0.55	
			For Perforated Or Slotted, Add	0.55	
			For Up To 100, Add	3.38	
			For >100 To 500, Add	2.02	
			For >500 To 1,500, Add	0.57	
05 31 13 00-0020	SF		6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	16.58	
			For Site Installed Insulation Between Ribs, Add	4.35	
			For Painted, Deduct	-0.69	
			For Perforated Or Slotted, Add	0.69	
			For Up To 100, Add	4.15	
			For >100 To 500, Add	2.49	
			For >500 To 1,500, Add	0.69	
05 31 13 00-0021	SF		7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	14.70	
			For Site Installed Insulation Between Ribs, Add	3.86	
			For Painted, Deduct	-0.61	
			For Perforated Or Slotted, Add	0.61	
			For Up To 100, Add	3.72	
			For >100 To 500, Add	2.22	
			For >500 To 1,500, Add	0.63	



			Metals	05	05
			Metal Decking	05 30	
			Steel Decking	05 31	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	18.28	
		For Site Installed Insulation Between Ribs, Add	4.80	
		For Painted, Deduct	-0.76	
		For Perforated Or Slotted, Add	0.76	
		For Up To 100, Add	4.56	
		For >100 To 500, Add	2.74	
		For >500 To 1,500, Add	0.76	
05 31 13 00-0023		Cellular Galvanized Steel Deck ^(05 31 13)		
		Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.		
05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	9.85	
		For Site Installed Insulation Between Ribs, Add	2.61	
		For Painted, Deduct	-0.40	
		For Perforated Or Slotted, Add	0.40	
		For Insulated Cells, Add	1.78	
		For Up To 100, Add	2.71	
		For >100 To 500, Add	1.56	
		For >500 To 1,500, Add	0.48	
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	10.95	
		For Site Installed Insulation Between Ribs, Add	2.93	
		For Painted, Deduct	-0.42	
		For Perforated Or Slotted, Add	0.42	
		For Insulated Cells, Add	1.89	
		For Up To 100, Add	3.39	
		For >100 To 500, Add	1.86	
		For >500 To 1,500, Add	0.64	
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	11.91	
		For Site Installed Insulation Between Ribs, Add	3.13	
		For Painted, Deduct	-0.50	
		For Perforated Or Slotted, Add	0.50	
		For Insulated Cells, Add	2.23	
		For Up To 100, Add	3.00	
		For >100 To 500, Add	1.79	
		For >500 To 1,500, Add	0.50	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	13.15	
		For Site Installed Insulation Between Ribs, Add	3.49	
		For Painted, Deduct	-0.52	
		For Perforated Or Slotted, Add	0.52	
		For Insulated Cells, Add	2.36	
		For Up To 100, Add	3.73	
		For >100 To 500, Add	2.12	
		For >500 To 1,500, Add	0.67	
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	13.75	
		For Site Installed Insulation Between Ribs, Add	3.62	
		For Painted, Deduct	-0.56	
		For Perforated Or Slotted, Add	0.56	
		For Insulated Cells, Add	2.54	
		For Up To 100, Add	3.59	
		For >100 To 500, Add	2.11	
		For >500 To 1,500, Add	0.62	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	16.34	
		For Site Installed Insulation Between Ribs, Add	4.29	
		For Painted, Deduct	-0.68	
		For Perforated Or Slotted, Add	0.68	
		For Insulated Cells, Add	3.04	
		For Up To 100, Add	4.17	
		For >100 To 500, Add	2.48	
		For >500 To 1,500, Add	0.71	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	18.27	
		For Site Installed Insulation Between Ribs, Add	4.79	
		For Painted, Deduct	-0.76	
		For Perforated Or Slotted, Add	0.76	
		For Insulated Cells, Add	3.43	
		For Up To 100, Add	4.56	
		For >100 To 500, Add	2.74	
		For >500 To 1,500, Add	0.76	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	19.91	
		For Site Installed Insulation Between Ribs, Add	5.23	
		For Painted, Deduct	-0.82	
		For Perforated Or Slotted, Add	0.82	
		For Insulated Cells, Add	3.71	
		For Up To 100, Add	5.09	
		For >100 To 500, Add	3.02	
		For >500 To 1,500, Add	0.86	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	20.55	
		For Site Installed Insulation Between Ribs, Add	5.32	
		For Painted, Deduct	-0.91	
		For Perforated Or Slotted, Add	0.91	
		For Insulated Cells, Add	4.08	
		For Up To 100, Add	4.22	
		For >100 To 500, Add	2.78	
		For >500 To 1,500, Add	0.60	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0033	SF		4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	22.03	
			For Site Installed Insulation Between Ribs, Add	5.72	
			For Painted, Deduct	-0.96	
			For Perforated Or Slotted, Add	0.96	
			For Insulated Cells, Add	4.31	
			For Up To 100, Add	4.78	
			For >100 To 500, Add	3.06	
			For >500 To 1,500, Add	0.72	
05 31 13 00-0034	SF		4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	23.31	
			For Site Installed Insulation Between Ribs, Add	6.06	
			For Painted, Deduct	-1.01	
			For Perforated Or Slotted, Add	1.01	
			For Insulated Cells, Add	4.55	
			For Up To 100, Add	5.10	
			For >100 To 500, Add	3.26	
			For >500 To 1,500, Add	0.77	
05 31 13 00-0035	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	24.87	
			For Site Installed Insulation Between Ribs, Add	6.47	
			For Painted, Deduct	-1.08	
			For Perforated Or Slotted, Add	1.08	
			For Insulated Cells, Add	4.85	
			For Up To 100, Add	5.46	
			For >100 To 500, Add	3.48	
			For >500 To 1,500, Add	0.83	
05 31 23			Steel Roof Decking ^(05 31)		
			See CSI section 05 31 13 00-0000 for Steel floor or roof decking.		
05 31 33			Steel Form Decking ^(05 31)		
05 31 33 00-0001			Open Ribbed Galvanized Steel Form Deck ^(05 31 33)		
05 31 33 00-0002	SF		9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.44	
			For Painted, Deduct	-0.08	
			For Perforated Or Slotted, Add	0.08	
			For Up To 100, Add	0.96	
			For >100 To 500, Add	0.48	
			For >500 To 1,500, Add	0.20	
05 31 33 00-0003	SF		9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.60	
			For Painted, Deduct	-0.09	
			For Perforated Or Slotted, Add	0.09	
			For Up To 100, Add	1.03	
			For >100 To 500, Add	0.52	
			For >500 To 1,500, Add	0.21	
05 31 33 00-0004	SF		9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.88	
			For Painted, Deduct	-0.09	
			For Perforated Or Slotted, Add	0.09	
			For Up To 100, Add	1.18	
			For >100 To 500, Add	0.59	
			For >500 To 1,500, Add	0.25	
05 31 33 00-0005	SF		9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.11	
			For Painted, Deduct	-0.10	
			For Perforated Or Slotted, Add	0.10	
			For Up To 100, Add	1.32	
			For >100 To 500, Add	0.65	
			For >500 To 1,500, Add	0.28	
05 31 33 00-0006	SF		15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.94	
			For Painted, Deduct	-0.10	
			For Perforated Or Slotted, Add	0.10	
			For Up To 100, Add	1.06	
			For >100 To 500, Add	0.55	
			For >500 To 1,500, Add	0.21	
05 31 33 00-0007	SF		15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.08	
			For Painted, Deduct	-0.11	
			For Perforated Or Slotted, Add	0.11	
			For Up To 100, Add	1.11	
			For >100 To 500, Add	0.58	
			For >500 To 1,500, Add	0.22	
05 31 33 00-0008	SF		15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.26	
			For Painted, Deduct	-0.11	
			For Perforated Or Slotted, Add	0.11	
			For Up To 100, Add	1.22	
			For >100 To 500, Add	0.62	
			For >500 To 1,500, Add	0.25	
05 31 33 00-0009	SF		15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.47	
			For Painted, Deduct	-0.12	
			For Perforated Or Slotted, Add	0.12	
			For Up To 100, Add	1.36	
			For >100 To 500, Add	0.68	
			For >500 To 1,500, Add	0.28	
05 31 33 00-0010	SF		1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.66	
			For Painted, Deduct	-0.13	
			For Perforated Or Slotted, Add	0.13	
			For Up To 100, Add	1.41	
			For >100 To 500, Add	0.71	
			For >500 To 1,500, Add	0.29	



			Metals	05	05
			Metal Decking	05 30	
			Steel Decking	05 31	

MINOR		CSI UOM DESCRIPTION		TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....		3.99	
		For Painted, Deduct		-0.14	
		For Perforated Or Slotted, Add		0.14	
		For Up To 100, Add		1.49	
		For >100 To 500, Add		0.76	
		For >500 To 1,500, Add		0.30	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....		4.57	
		For Painted, Deduct		-0.16	
		For Perforated Or Slotted, Add		0.16	
		For Up To 100, Add		1.62	
		For >100 To 500, Add		0.84	
		For >500 To 1,500, Add		0.32	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....		5.06	
		For Painted, Deduct		-0.18	
		For Perforated Or Slotted, Add		0.18	
		For Up To 100, Add		1.83	
		For >100 To 500, Add		0.95	
		For >500 To 1,500, Add		0.37	
05 36 Composite Metal Decking (05 30)					
See CSI section 03 30 00 00-0000 for concrete.					
05 36 00 00-0001	Composite Open Ribbed Galvanized Steel Deck (05 36)				
	Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.				
05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck		3.69	
		For Painted, Deduct		-0.13	
		For Perforated Or Slotted, Add		0.13	
		For Up To 100, Add		1.41	
		For >100 To 500, Add		0.72	
		For >500 To 1,500, Add		0.29	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck		3.94	
		For Painted, Deduct		-0.13	
		For Perforated Or Slotted, Add		0.13	
		For Up To 100, Add		1.56	
		For >100 To 500, Add		0.78	
		For >500 To 1,500, Add		0.32	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck		4.42	
		For Painted, Deduct		-0.14	
		For Perforated Or Slotted, Add		0.14	
		For Up To 100, Add		1.89	
		For >100 To 500, Add		0.93	
		For >500 To 1,500, Add		0.40	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck		4.82	
		For Painted, Deduct		-0.15	
		For Perforated Or Slotted, Add		0.15	
		For Up To 100, Add		2.21	
		For >100 To 500, Add		1.06	
		For >500 To 1,500, Add		0.48	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck		3.94	
		For Painted, Deduct		-0.13	
		For Perforated Or Slotted, Add		0.13	
		For Up To 100, Add		1.56	
		For >100 To 500, Add		0.78	
		For >500 To 1,500, Add		0.32	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck		4.27	
		For Painted, Deduct		-0.14	
		For Perforated Or Slotted, Add		0.14	
		For Up To 100, Add		1.71	
		For >100 To 500, Add		0.86	
		For >500 To 1,500, Add		0.36	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck		4.73	
		For Painted, Deduct		-0.15	
		For Perforated Or Slotted, Add		0.15	
		For Up To 100, Add		2.04	
		For >100 To 500, Add		1.00	
		For >500 To 1,500, Add		0.44	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck		5.16	
		For Painted, Deduct		-0.16	
		For Perforated Or Slotted, Add		0.16	
		For Up To 100, Add		2.36	
		For >100 To 500, Add		1.13	
		For >500 To 1,500, Add		0.51	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck		4.15	
		For Painted, Deduct		-0.14	
		For Perforated Or Slotted, Add		0.14	
		For Up To 100, Add		1.62	
		For >100 To 500, Add		0.82	
		For >500 To 1,500, Add		0.34	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck		4.44	
		For Painted, Deduct		-0.15	
		For Perforated Or Slotted, Add		0.15	
		For Up To 100, Add		1.80	
		For >100 To 500, Add		0.90	
		For >500 To 1,500, Add		0.38	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0012	SF		3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	4.99	
			For Painted, Deduct	-0.16	
			For Perforated Or Slotted, Add	0.16	
			For Up To 100, Add	2.19	
			For >100 To 500, Add	1.06	
			For >500 To 1,500, Add	0.47	
05 36 00 00-0013	SF		3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	5.56	
			For Painted, Deduct	-0.17	
			For Perforated Or Slotted, Add	0.17	
			For Up To 100, Add	2.57	
			For >100 To 500, Add	1.23	
			For >500 To 1,500, Add	0.56	
05 36 00 00-0014			Composite Cellular Galvanized Steel Deck (05 36)		
			Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.		
05 36 00 00-0015	SF		1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	6.77	
			For Site Installed Insulation Between Ribs, Add	1.85	
			For Painted, Deduct	-0.23	
			For Perforated Or Slotted, Add	0.23	
			For Insulated Cells, Add	1.05	
			For Up To 100, Add	2.57	
			For >100 To 500, Add	1.31	
			For >500 To 1,500, Add	0.53	
05 36 00 00-0016	SF		1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	7.24	
			For Site Installed Insulation Between Ribs, Add	1.98	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.10	
			For Up To 100, Add	2.82	
			For >100 To 500, Add	1.42	
			For >500 To 1,500, Add	0.58	
05 36 00 00-0017	SF		1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	7.32	
			For Site Installed Insulation Between Ribs, Add	2.01	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.10	
			For Up To 100, Add	2.90	
			For >100 To 500, Add	1.46	
			For >500 To 1,500, Add	0.60	
05 36 00 00-0018	SF		1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	7.77	
			For Site Installed Insulation Between Ribs, Add	2.14	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.15	
			For Up To 100, Add	3.19	
			For >100 To 500, Add	1.58	
			For >500 To 1,500, Add	0.67	
05 36 00 00-0019	SF		1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	8.34	
			For Site Installed Insulation Between Ribs, Add	2.30	
			For Painted, Deduct	-0.27	
			For Perforated Or Slotted, Add	0.27	
			For Insulated Cells, Add	1.22	
			For Up To 100, Add	3.45	
			For >100 To 500, Add	1.71	
			For >500 To 1,500, Add	0.73	
05 36 00 00-0020	SF		1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	8.43	
			For Site Installed Insulation Between Ribs, Add	2.33	
			For Painted, Deduct	-0.27	
			For Perforated Or Slotted, Add	0.27	
			For Insulated Cells, Add	1.22	
			For Up To 100, Add	3.54	
			For >100 To 500, Add	1.74	
			For >500 To 1,500, Add	0.75	
05 36 00 00-0021	SF		1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	8.87	
			For Site Installed Insulation Between Ribs, Add	2.46	
			For Painted, Deduct	-0.28	
			For Perforated Or Slotted, Add	0.28	
			For Insulated Cells, Add	1.26	
			For Up To 100, Add	3.82	
			For >100 To 500, Add	1.87	
			For >500 To 1,500, Add	0.82	
05 36 00 00-0022	SF		2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.00	
			For Site Installed Insulation Between Ribs, Add	1.92	
			For Painted, Deduct	-0.24	
			For Perforated Or Slotted, Add	0.24	
			For Insulated Cells, Add	1.07	
			For Up To 100, Add	2.72	
			For >100 To 500, Add	1.37	
			For >500 To 1,500, Add	0.56	



	Metals	05	05
	Metal Decking	05 30	
	Composite Metal Decking	05 36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0023	SF		2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	7.38	
			For Site Installed Insulation Between Ribs, Add	2.02	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.12	
			For Up To 100, Add	2.91	
			For >100 To 500, Add	1.46	
			For >500 To 1,500, Add	0.60	
05 36 00 00-0024	SF		2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	7.47	
			For Site Installed Insulation Between Ribs, Add	2.05	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.12	
			For Up To 100, Add	3.00	
			For >100 To 500, Add	1.50	
			For >500 To 1,500, Add	0.63	
05 36 00 00-0025	SF		2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	8.01	
			For Site Installed Insulation Between Ribs, Add	2.21	
			For Painted, Deduct	-0.26	
			For Perforated Or Slotted, Add	0.26	
			For Insulated Cells, Add	1.18	
			For Up To 100, Add	3.29	
			For >100 To 500, Add	1.63	
			For >500 To 1,500, Add	0.69	
05 36 00 00-0026	SF		2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	8.49	
			For Site Installed Insulation Between Ribs, Add	2.35	
			For Painted, Deduct	-0.27	
			For Perforated Or Slotted, Add	0.27	
			For Insulated Cells, Add	1.24	
			For Up To 100, Add	3.55	
			For >100 To 500, Add	1.75	
			For >500 To 1,500, Add	0.75	
05 36 00 00-0027	SF		2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	8.62	
			For Site Installed Insulation Between Ribs, Add	2.39	
			For Painted, Deduct	-0.27	
			For Perforated Or Slotted, Add	0.27	
			For Insulated Cells, Add	1.24	
			For Up To 100, Add	3.68	
			For >100 To 500, Add	1.80	
			For >500 To 1,500, Add	0.78	
05 36 00 00-0028	SF		2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	9.08	
			For Site Installed Insulation Between Ribs, Add	2.52	
			For Painted, Deduct	-0.29	
			For Perforated Or Slotted, Add	0.29	
			For Insulated Cells, Add	1.29	
			For Up To 100, Add	3.92	
			For >100 To 500, Add	1.91	
			For >500 To 1,500, Add	0.84	
05 36 00 00-0029	SF		3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.03	
			For Site Installed Insulation Between Ribs, Add	1.92	
			For Painted, Deduct	-0.24	
			For Perforated Or Slotted, Add	0.24	
			For Insulated Cells, Add	1.08	
			For Up To 100, Add	2.72	
			For >100 To 500, Add	1.38	
			For >500 To 1,500, Add	0.56	
05 36 00 00-0030	SF		3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	7.43	
			For Site Installed Insulation Between Ribs, Add	2.04	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.12	
			For Up To 100, Add	2.96	
			For >100 To 500, Add	1.48	
			For >500 To 1,500, Add	0.62	
05 36 00 00-0031	SF		3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	7.56	
			For Site Installed Insulation Between Ribs, Add	2.08	
			For Painted, Deduct	-0.25	
			For Perforated Or Slotted, Add	0.25	
			For Insulated Cells, Add	1.12	
			For Up To 100, Add	3.09	
			For >100 To 500, Add	1.53	
			For >500 To 1,500, Add	0.65	
05 36 00 00-0032	SF		3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	8.10	
			For Site Installed Insulation Between Ribs, Add	2.23	
			For Painted, Deduct	-0.26	
			For Perforated Or Slotted, Add	0.26	
			For Insulated Cells, Add	1.19	
			For Up To 100, Add	3.35	
			For >100 To 500, Add	1.66	
			For >500 To 1,500, Add	0.71	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0033 SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck .....8.62		
For Site Installed Insulation Between Ribs, Add	2.38	
For Painted, Deduct	-0.28	
For Perforated Or Slotted, Add	0.28	
For Insulated Cells, Add	1.26	
For Up To 100, Add	3.60	
For >100 To 500, Add	1.77	
For >500 To 1,500, Add	0.76	
05 36 00 00-0034 SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck .....8.80		
For Site Installed Insulation Between Ribs, Add	2.44	
For Painted, Deduct	-0.28	
For Perforated Or Slotted, Add	0.28	
For Insulated Cells, Add	1.26	
For Up To 100, Add	3.78	
For >100 To 500, Add	1.85	
For >500 To 1,500, Add	0.81	
05 36 00 00-0035 SF 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck .....9.17		
For Site Installed Insulation Between Ribs, Add	2.55	
For Painted, Deduct	-0.29	
For Perforated Or Slotted, Add	0.29	
For Insulated Cells, Add	1.29	
For Up To 100, Add	4.01	
For >100 To 500, Add	1.95	
For >500 To 1,500, Add	0.86	
05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized (05 36)		
05 36 00 00-0037 SF 1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular .....5.19		
05 36 00 00-0038 SF 1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular .....4.26		
05 36 00 00-0039 SF 1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular .....3.55		
05 36 00 00-0040 SF 1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular .....3.05		
05 36 00 00-0041 SF 1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular .....5.71		
05 36 00 00-0042 SF 1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular .....4.65		
05 36 00 00-0043 SF 1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular .....3.85		
05 36 00 00-0044 SF 1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular .....3.33		
05 36 00 00-0045 SF 3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular .....6.60		
05 36 00 00-0046 SF 3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular .....5.28		
05 36 00 00-0047 SF 3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular .....4.43		
05 36 00 00-0048 SF 3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular .....4.00		
05 40 Cold-Formed Metal Framing (05)		
Note: Includes all connecting bolts and welds.		
05 41 Structural Metal Stud Framing (05 40)		
Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.		
05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)		
05 41 00 00-0002 SF 2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....3.68		0.78
For Walls >10' High, Add	0.74	
For Curved Wall, Add	0.54	
For Up To 200, Add	1.10	
For >200 To 500, Add	0.55	
For 12" On Center, Add	0.65	
For 24" On Center, Deduct	-0.65	
05 41 00 00-0003 SF 3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....4.10		0.78
For Walls >10' High, Add	0.82	
For Curved Wall, Add	0.57	
For Up To 200, Add	1.20	
For >200 To 500, Add	0.60	
For 12" On Center, Add	0.73	
For 24" On Center, Deduct	-0.73	
05 41 00 00-0004 SF 4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....4.27		0.78
For Walls >10' High, Add	0.85	
For Curved Wall, Add	0.59	
For Up To 200, Add	1.25	
For >200 To 500, Add	0.62	
For 12" On Center, Add	0.76	
For 24" On Center, Deduct	-0.76	
05 41 00 00-0005 SF 6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.37		0.86
For Walls >10' High, Add	1.07	
For Curved Wall, Add	0.62	
For Up To 200, Add	1.49	
For >200 To 500, Add	0.74	
For 12" On Center, Add	0.97	
For 24" On Center, Deduct	-0.97	
05 41 00 00-0006 SF 8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.98		0.95
For Walls >10' High, Add	1.20	
For Curved Wall, Add	0.65	
For Up To 200, Add	1.63	
For >200 To 500, Add	0.81	
For 12" On Center, Add	1.09	
For 24" On Center, Deduct	-1.09	



		Metals	05	05
		Cold-Formed Metal Framing	05 40	
		Structural Metal Stud Framing	05 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And

Runners (05 41)

05 41 00 00-0008	SF 2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.95	0.78
	For Walls >10' High, Add	0.79	
	For Curved Wall, Add	0.57	
	For Up To 200, Add	1.17	
	For >200 To 500, Add	0.59	
	For 12" On Center, Add	0.70	
	For 24" On Center, Deduct	-0.70	
05 41 00 00-0009	SF 3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.54	0.79
	For Walls >10' High, Add	0.91	
	For Curved Wall, Add	0.60	
	For Up To 200, Add	1.31	
	For >200 To 500, Add	0.65	
	For 12" On Center, Add	0.81	
	For 24" On Center, Deduct	-0.81	
05 41 00 00-0010	SF 4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.79	0.79
	For Walls >10' High, Add	0.96	
	For Curved Wall, Add	0.62	
	For Up To 200, Add	1.37	
	For >200 To 500, Add	0.69	
	For 12" On Center, Add	0.85	
	For 24" On Center, Deduct	-0.85	
05 41 00 00-0011	SF 6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.99	0.95
	For Walls >10' High, Add	1.20	
	For Curved Wall, Add	0.65	
	For Up To 200, Add	1.63	
	For >200 To 500, Add	0.82	
	For 12" On Center, Add	1.09	
	For 24" On Center, Deduct	-1.09	
05 41 00 00-0012	SF 8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.59	1.04
	For Walls >10' High, Add	1.32	
	For Curved Wall, Add	0.68	
	For Up To 200, Add	1.77	
	For >200 To 500, Add	0.89	
	For 12" On Center, Add	1.20	
	For 24" On Center, Deduct	-1.20	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And

Runners (05 41)

05 41 00 00-0014	SF 3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.40	1.08
	For Walls >10' High, Add	1.08	
	For Curved Wall, Add	0.72	
	For Up To 200, Add	1.56	
	For >200 To 500, Add	0.78	
	For 12" On Center, Add	0.96	
	For 24" On Center, Deduct	-0.96	
05 41 00 00-0015	SF 4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.55	1.09
	For Walls >10' High, Add	1.11	
	For Curved Wall, Add	0.73	
	For Up To 200, Add	1.60	
	For >200 To 500, Add	0.80	
	For 12" On Center, Add	0.99	
	For 24" On Center, Deduct	-0.99	
05 41 00 00-0016	SF 6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.90	1.15
	For Walls >10' High, Add	1.38	
	For Curved Wall, Add	0.77	
	For Up To 200, Add	1.89	
	For >200 To 500, Add	0.95	
	For 12" On Center, Add	1.25	
	For 24" On Center, Deduct	-1.25	
05 41 00 00-0017	SF 8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	7.56	1.21
	For Walls >10' High, Add	1.51	
	For Curved Wall, Add	0.80	
	For Up To 200, Add	2.05	
	For >200 To 500, Add	1.02	
	For 12" On Center, Add	1.38	
	For 24" On Center, Deduct	-1.38	

05 42 Cold-Formed Metal Joist Framing (05 40)

05 42 13 Cold-Formed Metal Floor Joist Framing (05 42)

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 20 Gauge (05 42 13)

05 42 13 00-0002	LF 5-1/2" - 20 Gauge Steel Joists	7.63	1.85
05 42 13 00-0003	LF 6" - 20 Gauge Steel Joists	8.37	2.33
05 42 13 00-0004	LF 7-1/4" - 20 Gauge Steel Joists	9.04	2.55
05 42 13 00-0005	LF 8" - 20 Gauge Steel Joists	10.12	2.71

05 Metals**05 40 Cold-Formed Metal Framing****05 42 Cold-Formed Metal Joist Framing**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 42 13 00-0006		Steel Joists, 18 Gauge (05 42 13)			
05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	8.49	2.05	
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	9.34	2.58	
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	10.13	2.83	
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	10.44	3.01	
05 42 13 00-0011		Steel Joists, 16 Gauge (05 42 13)			
05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	10.92	2.86	
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	11.52	3.01	
05 42 13 00-0014		Steel Joists, 14 Gauge (05 42 13)			
05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	12.94	3.01	
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	14.04	3.17	
05 42 13 00-0017		Steel Joists, 12 Gauge (05 42 13)			
05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	15.36	3.31	
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	16.77	3.49	
05 42 13 00-0020		Steel Joists, 10 Gauge (05 42 13)			
05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	17.83	3.64	
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	19.56	3.84	
05 42 13 00-0023		Steel Joists, 8 Gauge (05 42 13)			
05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	20.33	4.01	
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	22.37	4.22	
05 42 23		Cold-Formed Metal Roof Joist Framing (05 42)			
		See CSI section 05 42 13 00-0000 for metal joist framing.			
05 43		Slotted Channel Framing (05 40)			
05 43 00 00-0001		Unistrut Channel (05 43)			
		Note: Excludes fasteners and accessories.			
05 43 00 00-0002		Steel Unistrut Channel (05 43 00 00-0001)			
05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	9.86	2.15	
		For Powder Coating, Add	0.83		
		For Galvanizing, Add	0.95		
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	10.13	2.15	
		For Powder Coating, Add	0.87		
		For Galvanizing, Add	0.99		
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	10.54	2.15	
		For Powder Coating, Add	0.94		
		For Galvanizing, Add	1.06		
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	9.32	2.15	
		For Powder Coating, Add	0.75		
		For Galvanizing, Add	0.85		
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	8.14	2.15	
		For Powder Coating, Add	0.58		
		For Galvanizing, Add	0.65		
05 43 00 00-0008		Stainless Steel Unistrut Channel (05 43 00 00-0001)			
05 43 00 00-0009		304 Stainless Steel Unistrut Channel (05 43 00 00-0008)			
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.84	2.15	
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	29.86	2.15	
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	28.61	2.15	
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	36.36	2.15	
05 43 00 00-0014		316 Stainless Steel Unistrut Channel (05 43 00 00-0008)			
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	41.11	2.15	
05 43 00 00-0016		Unistrut Closure Strips (05 43)			
05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	5.13	0.47	
05 43 00 00-0018		Lock Nuts With Spring For Unistrut Channel (05 43)			
		Note: Includes hex bolt.			
05 43 00 00-0019		Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)			
		Note: Includes hex bolt.			
05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	6.38		



		Metals	05	05
		Cold-Formed Metal Framing	05 40	
		Slotted Channel Framing	05 43	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	6.95	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	7.38	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	9.70	
05 43 00 00-0024		Stainless Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018) Note: Includes hex bolt.		
05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	14.19	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	15.11	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	21.42	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	36.70	
05 43 00 00-0029		Lock Nuts Without Spring For Unistrut Channel (05 43) Note: Includes hex bolt.		
05 43 00 00-0030		Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029) Note: Includes hex bolt.		
05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel.....	6.40	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel.....	7.03	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel.....	7.41	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel.....	10.37	
05 43 00 00-0035		Stainless Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029) Note: Includes hex bolt.		
05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	10.14	
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	12.25	
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	13.35	
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	35.75	
05 43 00 00-0040		Beam Clamp For Unistrut Channel (05 43)		
05 43 00 00-0041	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp.....	18.61	7.14
05 43 00 00-0042	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp.....	22.65	7.14
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676.....	2.20	
05 43 00 00-0044		Beam Clamp Clevis Hangers For Unistrut Channel (05 43)		
05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674).....	20.01	7.14
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677).....	23.23	7.14
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut.....	2.20	
05 43 00 00-0048	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut.....	119.58	9.52
05 45		Metal Support Assemblies (05 40)		
05 45 13		Mechanical Metal Supports (05 45) See CSI section 23 05 29 00-0000 for metal supports.		
05 45 16		Electrical Metal Supports (05 45) See CSI section 26 05 29 00-0000 for metal supports.		
05 50		Metal Fabrications (05)		
05 51		Metal Stairs (05 50)		
05 51 13		Metal Pan Stairs (05 51) Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail. See CSI section 05 52 13 00-0000 for handrails.		
05 51 13 00-0001		Open Concrete Filled Metal Pan Stair And Landing (05 51 13) Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair..... For Closed Riser, Add	657.75 75.13	27.72
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair..... For Closed Riser, Add	748.05 85.33	32.34
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair..... For Closed Riser, Add	834.65 94.96	37.88
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing..... Note: Conventional shape.	68.15	4.62
05 51 19		Metal Grating Stairs (05 51) Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0001		Open Steel Grating Tread Metal Stair And Landing (05 51 19) Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair..... For Closed Riser, Add For Galvanized Steel, Add	327.49 38.51 63.40	36.96
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair..... For Closed Riser, Add For Galvanized Steel, Add	350.67 40.91 66.42	42.50

05 Metals**05 50 Metal Fabrications****05 51 Metal Stairs**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 19 00-0004 RSR 5'-0" Wide Open Steel Grating Tread Metal Stair.....	389.60	49.89
For Closed Riser, Add	45.16	
For Galvanized Steel, Add	72.45	
05 51 19 00-0005 SF Steel Grating Landing With Framing And 2 Pipe Handrail	61.94	4.62
Note: Conventional shape.		
For Galvanized Steel, Add	10.87	
05 51 33 Metal Ladders (05 51)		
Note: Includes factory prime.		
05 51 33 13 Vertical Metal Ladders (05 51 33)		
05 51 33 13-0001 Vertical Ladders (05 51 33 13)		
Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0002 VLF 20" Wide Vertical Steel Ladder Primed	74.68	11.09
For Galvanized Steel, Add	9.98	
For Aluminum, Add	19.95	
05 51 33 13-0003 VLF 24" Wide Vertical Steel Ladder Primed	84.80	11.09
For Galvanized Steel, Add	12.51	
For Aluminum, Add	25.01	
05 51 33 13-0004 VLF 20" Wide Vertical Steel Caged Ladder Primed	174.81	18.47
For Galvanized Steel, Add	28.98	
For Aluminum, Add	57.96	
05 51 33 13-0005 VLF 24" Wide Vertical Steel Caged Ladder Primed	195.03	18.47
For Galvanized Steel, Add	34.04	
For Aluminum, Add	68.07	
05 51 33 13-0006 Vertical Ladders Options (05 51 33 13)		
05 51 33 13-0007 EA 20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	252.14	34.64
Note: Extends 42" above landing surface. Includes mounting bracket.		
For Galvanized Steel, Add	45.71	
For Aluminum, Add	91.42	
05 51 33 13-0008 EA 24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	275.57	36.96
Note: Extends 42" above landing surface. Includes mounting bracket.		
For Galvanized Steel, Add	50.42	
For Aluminum, Add	100.83	
05 51 33 13-0009 EA Security Cage Entry Gate With Lockable Hasp	359.20	11.55
05 51 33 13-0010 EA 6' Security Ladder Guard	787.94	69.30
05 51 33 13-0011 EA 8' Security Ladder Guard	941.43	80.85
05 51 33 13-0012 EA Safety Chain Attachment	142.15	
05 51 33 13-0013 Welded Steel Ladder Cages (05 51 33 13)		
Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages (05 51 33 13-0013)		
05 51 33 13-0015 EA 7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,459.50	138.59
05 51 33 13-0016 EA 8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,582.20	143.21
05 51 33 13-0017 EA 9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,680.23	147.83
05 51 33 13-0018 EA 10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,784.84	152.45
05 51 33 13-0019 EA 11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,846.71	157.06
05 51 33 13-0020 EA 12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,946.38	161.68
05 51 33 13-0021 EA 13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,034.55	166.31
05 51 33 13-0022 EA 14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,149.03	170.93
05 51 33 13-0023 EA 15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,260.23	175.55
05 51 33 13-0024 EA 16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,351.69	180.17
05 51 33 13-0025 EA 17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,462.88	184.78
05 51 33 13-0026 EA 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,570.77	189.40
05 51 33 13-0027 EA 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,677.04	194.02
05 51 33 13-0028 EA 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,868.81	198.64
05 51 33 13-0029 EA 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,927.37	203.27
05 51 33 13-0030 EA 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,027.05	207.89
05 51 33 13-0031 EA 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,118.52	212.50
05 51 33 13-0032 EA 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,203.39	217.12
05 51 33 13-0033 EA 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,390.23	221.74
05 51 33 13-0034 EA 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,491.55	226.36
05 51 33 13-0035 EA 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,586.30	230.98
05 51 33 13-0036 Stainless Steel, Welded Steel Ladder Cages (05 51 33 13-0013)		
05 51 33 13-0037 EA 7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,403.91	138.59
05 51 33 13-0038 EA 8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,634.47	143.21
05 51 33 13-0039 EA 9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,017.28	147.83
05 51 33 13-0040 EA 10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,207.03	152.45
05 51 33 13-0041 EA 11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,366.96	157.06
05 51 33 13-0042 EA 12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,578.68	161.68
05 51 33 13-0043 EA 13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,958.35	166.31
05 51 33 13-0044 EA 14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,151.24	170.93
05 51 33 13-0045 EA 15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,350.41	175.55
05 51 33 13-0046 EA 16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,568.41	180.17
05 51 33 13-0047 EA 17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,955.94	184.78



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Stairs	05 51	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,150.38	189.40
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,335.43	194.02
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,641.34	198.64
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,984.90	203.27
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	7,176.22	207.89
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	7,372.26	212.50
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	7,555.72	217.12
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	8,024.87	221.74
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	8,208.34	226.36
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	8,396.52	230.98
05 51 33 16 Inclined Metal Ladders (05 51 33)				
05 51 33 16-0001		Industrial Ship Ladder, Incline Stairs (05 51 33 16)		
		Note: Includes factory prime.		
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side.....	244.17	46.19
		For Aluminum, Add	75.89	
05 51 33 23 Alternating Tread Ladders (05 51 33)				
05 51 33 23-0001		Vertical Ladders With Alternating Tread (05 51 33 23)		
05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder.....	1,593.54	138.59
		For Stainless Steel, Add	196.80	
		For Primed Steel, Deduct	-191.42	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder.....	1,816.42	146.90
		For Stainless Steel, Add	240.90	
		For Primed Steel, Deduct	-223.30	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder.....	2,003.74	146.90
		For Stainless Steel, Add	288.67	
		For Primed Steel, Deduct	-241.55	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder.....	2,300.18	184.59
		For Stainless Steel, Add	347.24	
		For Primed Steel, Deduct	-256.61	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder.....	2,516.56	191.14
		For Stainless Steel, Add	388.99	
		For Primed Steel, Deduct	-298.53	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder.....	2,682.07	191.14
		For Stainless Steel, Add	453.51	
		For Primed Steel, Deduct	-293.53	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder.....	2,947.94	213.21
		For Stainless Steel, Add	497.40	
		For Primed Steel, Deduct	-327.55	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder.....	3,133.39	213.21
		For Stainless Steel, Add	546.61	
		For Primed Steel, Deduct	-347.07	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder.....	3,277.67	213.21
		For Stainless Steel, Add	623.99	
		For Primed Steel, Deduct	-346.65	

05 52 Metal Railings (05 50)

05 52 13 Pipe and Tube Railings (05 52)

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing (05 52 13)

Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and one rail.

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0003	LF		1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	32.22	9.24
			For Schedule 80 Handrail, Add	3.16	
			For 11 Gauge A513 Steel Tubing, Deduct	-3.03	
			For 12 Gauge A513 Steel Tubing, Deduct	-3.44	
			For 14 Gauge A513 Steel Tubing, Deduct	-4.54	
			For 16 Gauge A513 Steel Tubing, Deduct	-5.36	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	5.78	
			For Aluminum, Clear Anodized Finish, Add	8.94	
			For Aluminum, Dark Anodized Finish, Add	10.31	
			For Galvanizing, Add	7.56	
			For Wrought Iron, Add	3.22	
			For Solid Steel Rails, Add	6.44	
			For 304 Stainless Steel, Add	44.00	
			For 316 Stainless Steel, Add	49.50	
			For 2" Wheel Guard, Add	1.31	
			For 4" High Kick Plate, Add	1.72	
			For 6" High Kick Plate, Add	2.75	
			For Curved Rail, Add	13.79	
			For Mounting On Stairs, Add	9.67	
			For Mounting On Slopes, Add	3.22	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	11.49	
			For Nylon Coating, Add	2.06	
05 52 13 00-0004	LF		1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	34.58	9.24
			For Schedule 80 Handrail, Add	4.62	
			For 11 Gauge A513 Steel Tubing, Deduct	-3.54	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.03	
			For 14 Gauge A513 Steel Tubing, Deduct	-5.32	
			For 16 Gauge A513 Steel Tubing, Deduct	-6.28	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	6.77	
			For Aluminum, Clear Anodized Finish, Add	10.47	
			For Aluminum, Dark Anodized Finish, Add	12.08	
			For Galvanizing, Add	8.86	
			For Wrought Iron, Add	3.46	
			For Solid Steel Rails, Add	6.92	
			For 304 Stainless Steel, Add	51.55	
			For 316 Stainless Steel, Add	58.00	
			For 2" Wheel Guard, Add	1.53	
			For 4" High Kick Plate, Add	2.01	
			For 6" High Kick Plate, Add	3.22	
			For Curved Rail, Add	15.21	
			For Mounting On Stairs, Add	10.37	
			For Mounting On Slopes, Add	3.46	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	12.67	
			For Nylon Coating, Add	2.42	
05 52 13 00-0005	LF		1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	36.95	9.24
			For Schedule 80 Handrail, Add	4.62	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.07	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.62	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.10	
			For 16 Gauge A513 Steel Tubing, Deduct	-7.21	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	7.76	
			For Aluminum, Clear Anodized Finish, Add	12.01	
			For Aluminum, Dark Anodized Finish, Add	13.86	
			For Galvanizing, Add	10.16	
			For Wrought Iron, Add	3.70	
			For Solid Steel Rails, Add	7.39	
			For 304 Stainless Steel, Add	59.14	
			For 316 Stainless Steel, Add	66.53	
			For 2" Wheel Guard, Add	1.76	
			For 4" High Kick Plate, Add	2.31	
			For 6" High Kick Plate, Add	3.70	
			For Curved Rail, Add	16.63	
			For Mounting On Stairs, Add	11.09	
			For Mounting On Slopes, Add	3.70	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	13.86	
			For Nylon Coating, Add	2.77	



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2"	Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	41.06	9.24
			For Schedule 80 Handrail, Add	5.21	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.97	
			For 12 Gauge A513 Steel Tubing, Deduct	-5.65	
			For 14 Gauge A513 Steel Tubing, Deduct	-7.45	
			For 16 Gauge A513 Steel Tubing, Deduct	-8.81	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	9.49	
			For Aluminum, Clear Anodized Finish, Add	14.68	
			For Aluminum, Dark Anodized Finish, Add	16.94	
			For Galvanizing, Add	12.42	
			For Wrought Iron, Add	4.11	
			For Solid Steel Rails, Add	8.21	
			For 304 Stainless Steel, Add	72.29	
			For 316 Stainless Steel, Add	81.32	
			For 2" Wheel Guard, Add	2.15	
			For 4" High Kick Plate, Add	2.82	
			For 6" High Kick Plate, Add	4.52	
			For Curved Rail, Add	19.10	
			For Mounting On Stairs, Add	12.32	
			For Mounting On Slopes, Add	4.11	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	15.91	
			For Nylon Coating, Add	3.39	
05 52 13 00-0007	LF	2-1/2"	Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	45.98	9.24
			For Schedule 80 Handrail, Add	5.81	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.05	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.88	
			For 14 Gauge A513 Steel Tubing, Deduct	-9.08	
			For 16 Gauge A513 Steel Tubing, Deduct	-10.73	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	11.55	
			For Aluminum, Clear Anodized Finish, Add	17.88	
			For Aluminum, Dark Anodized Finish, Add	20.63	
			For Galvanizing, Add	15.13	
			For Wrought Iron, Add	4.60	
			For Solid Steel Rails, Add	9.20	
			For 304 Stainless Steel, Add	88.03	
			For 316 Stainless Steel, Add	99.04	
			For 2" Wheel Guard, Add	2.61	
			For 4" High Kick Plate, Add	3.44	
			For 6" High Kick Plate, Add	5.50	
			For Curved Rail, Add	22.05	
			For Mounting On Stairs, Add	13.79	
			For Mounting On Slopes, Add	4.60	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	18.37	
			For Nylon Coating, Add	4.13	
05 52 13 00-0008			Two Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
			Note: Includes factory primed posts and two rails.		
05 52 13 00-0009	LF	1"	Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	42.68	9.24
			For Schedule 80 Handrail, Add	3.16	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.33	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.05	
			For 14 Gauge A513 Steel Tubing, Deduct	-7.99	
			For 16 Gauge A513 Steel Tubing, Deduct	-9.44	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	10.17	
			For Aluminum, Clear Anodized Finish, Add	15.74	
			For Aluminum, Dark Anodized Finish, Add	18.16	
			For Galvanizing, Add	13.32	
			For Wrought Iron, Add	4.27	
			For Solid Steel Rails, Add	8.54	
			For 304 Stainless Steel, Add	77.47	
			For 316 Stainless Steel, Add	87.16	
			For 2" Wheel Guard, Add	2.30	
			For 4" High Kick Plate, Add	3.03	
			For 6" High Kick Plate, Add	4.84	
			For Curved Rail, Add	20.07	
			For Mounting On Stairs, Add	12.80	
			For Mounting On Slopes, Add	4.27	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	16.72	
			For Nylon Coating, Add	3.63	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	46.85	9.24
		For Schedule 80 Handrail, Add	4.62	
		For 11 Gauge A513 Steel Tubing, Deduct	-6.24	
		For 12 Gauge A513 Steel Tubing, Deduct	-7.10	
		For 14 Gauge A513 Steel Tubing, Deduct	-9.37	
		For 16 Gauge A513 Steel Tubing, Deduct	-11.07	
		For Additional Off Set Handrail, ADA Attachment, Add	12.18	
		For Aluminum, Satin Finish, Add	11.92	
		For Aluminum, Clear Anodized Finish, Add	18.45	
		For Aluminum, Dark Anodized Finish, Add	21.29	
		For Galvanizing, Add	15.61	
		For Wrought Iron, Add	4.69	
		For Solid Steel Rails, Add	9.37	
		For 304 Stainless Steel, Add	90.82	
		For 316 Stainless Steel, Add	102.17	
		For 2" Wheel Guard, Add	2.70	
		For 4" High Kick Plate, Add	3.55	
		For 6" High Kick Plate, Add	5.68	
		For Curved Rail, Add	22.57	
		For Mounting On Stairs, Add	14.06	
		For Mounting On Slopes, Add	4.69	
		For Post Base Flange With Screws, Add Per Post	19.35	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
		For Custom Design Or Shapes (Square Tops, etc), Add	18.81	
		For Nylon Coating, Add	4.26	
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	51.02	9.24
		For Schedule 80 Handrail, Add	4.62	
		For 11 Gauge A513 Steel Tubing, Deduct	-7.16	
		For 12 Gauge A513 Steel Tubing, Deduct	-8.14	
		For 14 Gauge A513 Steel Tubing, Deduct	-10.74	
		For 16 Gauge A513 Steel Tubing, Deduct	-12.69	
		For Additional Off Set Handrail, ADA Attachment, Add	12.18	
		For Aluminum, Satin Finish, Add	13.67	
		For Aluminum, Clear Anodized Finish, Add	21.16	
		For Aluminum, Dark Anodized Finish, Add	24.41	
		For Galvanizing, Add	17.90	
		For Wrought Iron, Add	5.10	
		For Solid Steel Rails, Add	10.20	
		For 304 Stainless Steel, Add	104.16	
		For 316 Stainless Steel, Add	117.18	
		For 2" Wheel Guard, Add	3.09	
		For 4" High Kick Plate, Add	4.07	
		For 6" High Kick Plate, Add	6.51	
		For Curved Rail, Add	25.07	
		For Mounting On Stairs, Add	15.31	
		For Mounting On Slopes, Add	5.10	
		For Post Base Flange With Screws, Add Per Post	19.35	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
		For Custom Design Or Shapes (Square Tops, etc), Add	20.89	
		For Nylon Coating, Add	4.88	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	58.25	9.24
		For Schedule 80 Handrail, Add	5.21	
		For 11 Gauge A513 Steel Tubing, Deduct	-8.75	
		For 12 Gauge A513 Steel Tubing, Deduct	-9.95	
		For 14 Gauge A513 Steel Tubing, Deduct	-13.13	
		For 16 Gauge A513 Steel Tubing, Deduct	-15.51	
		For Additional Off Set Handrail, ADA Attachment, Add	12.18	
		For Aluminum, Satin Finish, Add	16.71	
		For Aluminum, Clear Anodized Finish, Add	25.86	
		For Aluminum, Dark Anodized Finish, Add	29.84	
		For Galvanizing, Add	21.88	
		For Wrought Iron, Add	5.83	
		For Solid Steel Rails, Add	11.65	
		For 304 Stainless Steel, Add	127.30	
		For 316 Stainless Steel, Add	143.21	
		For 2" Wheel Guard, Add	3.78	
		For 4" High Kick Plate, Add	4.97	
		For 6" High Kick Plate, Add	7.96	
		For Curved Rail, Add	29.41	
		For Mounting On Stairs, Add	17.48	
		For Mounting On Slopes, Add	5.83	
		For Post Base Flange With Screws, Add Per Post	19.35	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
		For Custom Design Or Shapes (Square Tops, etc), Add	24.51	
		For Nylon Coating, Add	5.97	



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF		2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	66.92	9.24
			For Schedule 80 Handrail, Add	5.81	
			For 11 Gauge A513 Steel Tubing, Deduct	-10.66	
			For 12 Gauge A513 Steel Tubing, Deduct	-12.11	
			For 14 Gauge A513 Steel Tubing, Deduct	-15.99	
			For 16 Gauge A513 Steel Tubing, Deduct	-18.90	
			For Additional Off Set Handrail, ADA Attachment, Add	12.18	
			For Aluminum, Satin Finish, Add	20.35	
			For Aluminum, Clear Anodized Finish, Add	31.49	
			For Aluminum, Dark Anodized Finish, Add	36.34	
			For Galvanizing, Add	26.65	
			For Wrought Iron, Add	6.69	
			For Solid Steel Rails, Add	13.38	
			For 304 Stainless Steel, Add	155.04	
			For 316 Stainless Steel, Add	174.42	
			For 2" Wheel Guard, Add	4.60	
			For 4" High Kick Plate, Add	6.06	
			For 6" High Kick Plate, Add	9.69	
			For Curved Rail, Add	34.61	
			For Mounting On Stairs, Add	20.08	
			For Mounting On Slopes, Add	6.69	
			For Post Base Flange With Screws, Add Per Post	19.35	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
			For Custom Design Or Shapes (Square Tops, etc), Add	28.84	
			For Nylon Coating, Add	7.27	
05 52 13 00-0014			Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
			Note: Includes factory primed posts and three rails.		
05 52 13 00-0015	LF		1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	66.30	11.09
			For Schedule 80 Handrail, Add	4.68	
			For 11 Gauge A513 Steel Tubing, Deduct	-9.71	
			For 12 Gauge A513 Steel Tubing, Deduct	-11.03	
			For 14 Gauge A513 Steel Tubing, Deduct	-14.56	
			For 16 Gauge A513 Steel Tubing, Deduct	-17.21	
			For Additional Off Set Handrail, ADA Attachment, Add	12.92	
			For Aluminum, Satin Finish, Add	18.53	
			For Aluminum, Clear Anodized Finish, Add	28.68	
			For Aluminum, Dark Anodized Finish, Add	33.10	
			For Galvanizing, Add	24.27	
			For Wrought Iron, Add	6.63	
			For Solid Steel Rails, Add	13.26	
			For 304 Stainless Steel, Add	141.22	
			For 316 Stainless Steel, Add	158.87	
			For 2" Wheel Guard, Add	4.19	
			For 4" High Kick Plate, Add	5.52	
			For 6" High Kick Plate, Add	8.83	
			For Curved Rail, Add	33.13	
			For Mounting On Stairs, Add	19.89	
			For Mounting On Slopes, Add	6.63	
			For Post Base Flange With Screws, Add Per Post	19.72	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.83	
			For Custom Design Or Shapes (Square Tops, etc), Add	27.61	
			For Nylon Coating, Add	6.62	
05 52 13 00-0016	LF		1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	73.90	11.09
			For Schedule 80 Handrail, Add	6.63	
			For 11 Gauge A513 Steel Tubing, Deduct	-11.38	
			For 12 Gauge A513 Steel Tubing, Deduct	-12.93	
			For 14 Gauge A513 Steel Tubing, Deduct	-17.07	
			For 16 Gauge A513 Steel Tubing, Deduct	-20.17	
			For Additional Off Set Handrail, ADA Attachment, Add	12.92	
			For Aluminum, Satin Finish, Add	21.73	
			For Aluminum, Clear Anodized Finish, Add	33.62	
			For Aluminum, Dark Anodized Finish, Add	38.80	
			For Galvanizing, Add	28.45	
			For Wrought Iron, Add	7.39	
			For Solid Steel Rails, Add	14.78	
			For 304 Stainless Steel, Add	165.54	
			For 316 Stainless Steel, Add	186.23	
			For 2" Wheel Guard, Add	4.91	
			For 4" High Kick Plate, Add	6.47	
			For 6" High Kick Plate, Add	10.35	
			For Curved Rail, Add	37.69	
			For Mounting On Stairs, Add	22.17	
			For Mounting On Slopes, Add	7.39	
			For Post Base Flange With Screws, Add Per Post	19.72	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.83	
			For Custom Design Or Shapes (Square Tops, etc), Add	31.41	
			For Nylon Coating, Add	7.76	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0017	LF		1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	81.49	11.09
			For Schedule 80 Handrail, Add	6.63	
			For 11 Gauge A513 Steel Tubing, Deduct	-13.05	
			For 12 Gauge A513 Steel Tubing, Deduct	-14.83	
			For 14 Gauge A513 Steel Tubing, Deduct	-19.58	
			For 16 Gauge A513 Steel Tubing, Deduct	-23.13	
			For Additional Off Set Handrail, ADA Attachment, Add	12.92	
			For Aluminum, Satin Finish, Add	24.91	
			For Aluminum, Clear Anodized Finish, Add	38.56	
			For Aluminum, Dark Anodized Finish, Add	44.49	
			For Galvanizing, Add	32.63	
			For Wrought Iron, Add	8.15	
			For Solid Steel Rails, Add	16.30	
			For 304 Stainless Steel, Add	189.82	
			For 316 Stainless Steel, Add	213.55	
			For 2" Wheel Guard, Add	5.64	
			For 4" High Kick Plate, Add	7.42	
			For 6" High Kick Plate, Add	11.86	
			For Curved Rail, Add	42.24	
			For Mounting On Stairs, Add	24.45	
			For Mounting On Slopes, Add	8.15	
			For Post Base Flange With Screws, Add Per Post	19.72	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.83	
			For Custom Design Or Shapes (Square Tops, etc), Add	35.20	
			For Nylon Coating, Add	8.90	
05 52 13 00-0018	LF		2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	94.70	11.09
			For Schedule 80 Handrail, Add	7.42	
			For 11 Gauge A513 Steel Tubing, Deduct	-15.96	
			For 12 Gauge A513 Steel Tubing, Deduct	-18.13	
			For 14 Gauge A513 Steel Tubing, Deduct	-23.93	
			For 16 Gauge A513 Steel Tubing, Deduct	-28.29	
			For Additional Off Set Handrail, ADA Attachment, Add	12.92	
			For Aluminum, Satin Finish, Add	30.46	
			For Aluminum, Clear Anodized Finish, Add	47.14	
			For Aluminum, Dark Anodized Finish, Add	54.40	
			For Galvanizing, Add	39.89	
			For Wrought Iron, Add	9.47	
			For Solid Steel Rails, Add	18.94	
			For 304 Stainless Steel, Add	232.10	
			For 316 Stainless Steel, Add	261.11	
			For 2" Wheel Guard, Add	6.89	
			For 4" High Kick Plate, Add	9.07	
			For 6" High Kick Plate, Add	14.51	
			For Curved Rail, Add	50.17	
			For Mounting On Stairs, Add	28.41	
			For Mounting On Slopes, Add	9.47	
			For Post Base Flange With Screws, Add Per Post	19.72	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.83	
			For Custom Design Or Shapes (Square Tops, etc), Add	41.81	
			For Nylon Coating, Add	10.88	
05 52 13 00-0019	LF		2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	110.43	11.09
			For Schedule 80 Handrail, Add	8.21	
			For 11 Gauge A513 Steel Tubing, Deduct	-19.42	
			For 12 Gauge A513 Steel Tubing, Deduct	-22.07	
			For 14 Gauge A513 Steel Tubing, Deduct	-29.13	
			For 16 Gauge A513 Steel Tubing, Deduct	-34.42	
			For Additional Off Set Handrail, ADA Attachment, Add	12.92	
			For Aluminum, Satin Finish, Add	37.07	
			For Aluminum, Clear Anodized Finish, Add	57.37	
			For Aluminum, Dark Anodized Finish, Add	66.20	
			For Galvanizing, Add	48.54	
			For Wrought Iron, Add	11.04	
			For Solid Steel Rails, Add	22.09	
			For 304 Stainless Steel, Add	282.43	
			For 316 Stainless Steel, Add	317.74	
			For 2" Wheel Guard, Add	8.38	
			For 4" High Kick Plate, Add	11.03	
			For 6" High Kick Plate, Add	17.65	
			For Curved Rail, Add	59.61	
			For Mounting On Stairs, Add	33.13	
			For Mounting On Slopes, Add	11.04	
			For Post Base Flange With Screws, Add Per Post	19.72	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.83	
			For Custom Design Or Shapes (Square Tops, etc), Add	49.67	
			For Nylon Coating, Add	13.24	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and four rails.



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF		1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	80.03	12.94
			For Schedule 80 Handrail, Add	6.45	
			For 11 Gauge A513 Steel Tubing, Deduct	-11.92	
			For 12 Gauge A513 Steel Tubing, Deduct	-13.54	
			For 14 Gauge A513 Steel Tubing, Deduct	-17.87	
			For 16 Gauge A513 Steel Tubing, Deduct	-21.12	
			For Additional Off Set Handrail, ADA Attachment, Add	13.66	
			For Aluminum, Satin Finish, Add	22.75	
			For Aluminum, Clear Anodized Finish, Add	35.20	
			For Aluminum, Dark Anodized Finish, Add	40.62	
			For Galvanizing, Add	29.79	
			For Wrought Iron, Add	8.00	
			For Solid Steel Rails, Add	16.01	
			For 304 Stainless Steel, Add	173.31	
			For 316 Stainless Steel, Add	194.98	
			For 2" Wheel Guard, Add	5.15	
			For 4" High Kick Plate, Add	6.77	
			For 6" High Kick Plate, Add	10.83	
			For Curved Rail, Add	40.26	
			For Mounting On Stairs, Add	24.01	
			For Mounting On Slopes, Add	8.00	
			For Post Base Flange With Screws, Add Per Post	20.09	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.38	
			For Custom Design Or Shapes (Square Tops, etc), Add	33.55	
			For Nylon Coating, Add	8.12	
05 52 13 00-0022	LF		1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	86.77	12.94
			For Schedule 80 Handrail, Add	8.88	
			For 11 Gauge A513 Steel Tubing, Deduct	-13.40	
			For 12 Gauge A513 Steel Tubing, Deduct	-15.23	
			For 14 Gauge A513 Steel Tubing, Deduct	-20.10	
			For 16 Gauge A513 Steel Tubing, Deduct	-23.75	
			For Additional Off Set Handrail, ADA Attachment, Add	13.66	
			For Aluminum, Satin Finish, Add	25.58	
			For Aluminum, Clear Anodized Finish, Add	39.59	
			For Aluminum, Dark Anodized Finish, Add	45.68	
			For Galvanizing, Add	33.50	
			For Wrought Iron, Add	8.68	
			For Solid Steel Rails, Add	17.35	
			For 304 Stainless Steel, Add	194.88	
			For 316 Stainless Steel, Add	219.24	
			For 2" Wheel Guard, Add	5.79	
			For 4" High Kick Plate, Add	7.61	
			For 6" High Kick Plate, Add	12.18	
			For Curved Rail, Add	44.30	
			For Mounting On Stairs, Add	26.03	
			For Mounting On Slopes, Add	8.68	
			For Post Base Flange With Screws, Add Per Post	20.09	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.38	
			For Custom Design Or Shapes (Square Tops, etc), Add	36.92	
			For Nylon Coating, Add	9.14	
05 52 13 00-0023	LF		1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	93.52	12.94
			For Schedule 80 Handrail, Add	8.88	
			For 11 Gauge A513 Steel Tubing, Deduct	-14.88	
			For 12 Gauge A513 Steel Tubing, Deduct	-16.91	
			For 14 Gauge A513 Steel Tubing, Deduct	-22.32	
			For 16 Gauge A513 Steel Tubing, Deduct	-26.38	
			For Additional Off Set Handrail, ADA Attachment, Add	13.66	
			For Aluminum, Satin Finish, Add	28.41	
			For Aluminum, Clear Anodized Finish, Add	43.97	
			For Aluminum, Dark Anodized Finish, Add	50.74	
			For Galvanizing, Add	37.21	
			For Wrought Iron, Add	9.35	
			For Solid Steel Rails, Add	18.70	
			For 304 Stainless Steel, Add	216.48	
			For 316 Stainless Steel, Add	243.54	
			For 2" Wheel Guard, Add	6.43	
			For 4" High Kick Plate, Add	8.46	
			For 6" High Kick Plate, Add	13.53	
			For Curved Rail, Add	48.35	
			For Mounting On Stairs, Add	28.06	
			For Mounting On Slopes, Add	9.35	
			For Post Base Flange With Screws, Add Per Post	20.09	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.38	
			For Custom Design Or Shapes (Square Tops, etc), Add	40.29	
			For Nylon Coating, Add	10.15	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0024 LF 2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing .....108.55		12.94
For Schedule 80 Handrail, Add	9.86	
For 11 Gauge A513 Steel Tubing, Deduct	-18.19	
For 12 Gauge A513 Steel Tubing, Deduct	-20.67	
For 14 Gauge A513 Steel Tubing, Deduct	-27.28	
For 16 Gauge A513 Steel Tubing, Deduct	-32.25	
For Additional Off Set Handrail, ADA Attachment, Add	13.66	
For Aluminum, Satin Finish, Add	34.73	
For Aluminum, Clear Anodized Finish, Add	53.74	
For Aluminum, Dark Anodized Finish, Add	62.01	
For Galvanizing, Add	45.47	
For Wrought Iron, Add	10.86	
For Solid Steel Rails, Add	21.71	
For 304 Stainless Steel, Add	264.58	
For 316 Stainless Steel, Add	297.65	
For 2" Wheel Guard, Add	7.85	
For 4" High Kick Plate, Add	10.34	
For 6" High Kick Plate, Add	16.54	
For Curved Rail, Add	57.37	
For Mounting On Stairs, Add	32.57	
For Mounting On Slopes, Add	10.86	
For Post Base Flange With Screws, Add Per Post	20.09	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.38	
For Custom Design Or Shapes (Square Tops, etc), Add	47.81	
For Nylon Coating, Add	12.40	
05 52 13 00-0025 LF 2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing .....126.16		12.94
For Schedule 80 Handrail, Add	10.86	
For 11 Gauge A513 Steel Tubing, Deduct	-22.06	
For 12 Gauge A513 Steel Tubing, Deduct	-25.07	
For 14 Gauge A513 Steel Tubing, Deduct	-33.10	
For 16 Gauge A513 Steel Tubing, Deduct	-39.11	
For Additional Off Set Handrail, ADA Attachment, Add	13.66	
For Aluminum, Satin Finish, Add	42.12	
For Aluminum, Clear Anodized Finish, Add	65.19	
For Aluminum, Dark Anodized Finish, Add	75.22	
For Galvanizing, Add	55.16	
For Wrought Iron, Add	12.62	
For Solid Steel Rails, Add	25.23	
For 304 Stainless Steel, Add	320.93	
For 316 Stainless Steel, Add	361.04	
For 2" Wheel Guard, Add	9.53	
For 4" High Kick Plate, Add	12.54	
For 6" High Kick Plate, Add	20.06	
For Curved Rail, Add	67.94	
For Mounting On Stairs, Add	37.85	
For Mounting On Slopes, Add	12.62	
For Post Base Flange With Screws, Add Per Post	20.09	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.38	
For Custom Design Or Shapes (Square Tops, etc), Add	56.61	
For Nylon Coating, Add	15.04	
05 52 13 00-0026 Railing Infill Panels (05 52 13)		
Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels (05 52 13 00-0026)		
Note: Square weave or square welded wire mesh.		
05 52 13 00-0028 SF Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....9.53		
05 52 13 00-0029 SF Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....10.12		
05 52 13 00-0030 SF Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....10.64		
05 52 13 00-0031 SF Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....18.00		
05 52 13 00-0032 Perforated Metal, Railing Infill Panels (05 52 13 00-0026)		
05 52 13 00-0033 SF Powder Coated Steel, Perforated Metal, Railing Infill Panel .....9.35		
05 52 13 00-0034 SF Galvanized Steel, Perforated Metal, Railing Infill Panel .....9.67		
05 52 13 00-0035 SF Aluminum, Perforated Metal, Railing Infill Panel .....10.35		
05 52 13 00-0036 SF Stainless Steel, Perforated Metal, Railing Infill Panel.....20.77		
05 52 13 00-0037 Expanded Metal, Railing Infill Panels (05 52 13 00-0026)		
05 52 13 00-0038 SF Powder Coated Steel, Expanded Metal, Railing Infill Panel.....4.22		
05 52 13 00-0039 SF Galvanized Steel, Expanded Metal, Railing Infill Panel.....8.62		
05 52 13 00-0040 SF Aluminum, Expanded Metal, Railing Infill Panel.....11.32		
05 52 13 00-0041 SF Stainless Steel, Expanded Metal, Railing Infill Panel .....16.87		
05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings (05 52 13)		
Note: Includes factory primed, fasteners and field touch-up of welds.		



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0043	LF		1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	32.38	5.55
			For Schedule 80 Handrail, Add	1.90	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.08	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.63	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.11	
			For 16 Gauge A513 Steel Tubing, Deduct	-7.23	
			For Stainless Steel, Add	37.06	
			For Aluminum, Satin Finish, Add	7.78	
			For Curved Rail, Add	9.71	
			For Aluminum, Clear Anodized Finish, Add	12.04	
			For Aluminum, Dark Anodized Finish, Add	13.90	
			For Galvanized Finish, Add	5.56	
05 52 13 00-0044	LF		1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	32.98	5.55
			For Schedule 80 Handrail, Add	2.14	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.21	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.78	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.31	
			For 16 Gauge A513 Steel Tubing, Deduct	-7.46	
			For Stainless Steel, Add	38.26	
			For Aluminum, Satin Finish, Add	8.03	
			For Curved Rail, Add	9.89	
			For Aluminum, Clear Anodized Finish, Add	12.43	
			For Aluminum, Dark Anodized Finish, Add	14.35	
			For Galvanized Finish, Add	5.74	
05 52 13 00-0045	LF		1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	33.58	5.55
			For Schedule 80 Handrail, Add	5.39	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.34	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.93	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.51	
			For 16 Gauge A513 Steel Tubing, Deduct	-7.69	
			For Stainless Steel, Add	39.46	
			For Aluminum, Satin Finish, Add	8.29	
			For Curved Rail, Add	10.07	
			For Aluminum, Clear Anodized Finish, Add	12.82	
			For Aluminum, Dark Anodized Finish, Add	14.80	
			For Galvanized Finish, Add	5.92	
05 52 13 00-0046	LF		2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	40.45	5.55
			For Schedule 80 Handrail, Add	2.59	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.85	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.65	
			For 14 Gauge A513 Steel Tubing, Deduct	-8.78	
			For 16 Gauge A513 Steel Tubing, Deduct	-10.37	
			For Stainless Steel, Add	53.20	
			For Aluminum, Satin Finish, Add	11.17	
			For Curved Rail, Add	12.14	
			For Aluminum, Clear Anodized Finish, Add	17.29	
			For Aluminum, Dark Anodized Finish, Add	19.95	
			For Galvanized Finish, Add	7.98	
05 52 13 00-0047	LF		2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	46.13	5.55
			For Schedule 80 Handrail, Add	2.79	
			For 11 Gauge A513 Steel Tubing, Deduct	-7.10	
			For 12 Gauge A513 Steel Tubing, Deduct	-8.07	
			For 14 Gauge A513 Steel Tubing, Deduct	-10.65	
			For 16 Gauge A513 Steel Tubing, Deduct	-12.59	
			For Stainless Steel, Add	64.56	
			For Aluminum, Satin Finish, Add	13.56	
			For Curved Rail, Add	13.84	
			For Aluminum, Clear Anodized Finish, Add	20.98	
			For Aluminum, Dark Anodized Finish, Add	24.21	
			For Galvanized Finish, Add	9.68	
05 52 13 00-0048			Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings (05 52 13)		
			Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0049	LF		1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	39.41	5.83
			For Schedule 80 Handrail, Add	1.90	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.62	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.39	
			For 14 Gauge A513 Steel Tubing, Deduct	-8.43	
			For 16 Gauge A513 Steel Tubing, Deduct	-9.97	
			For Stainless Steel, Add	51.12	
			For Aluminum, Satin Finish, Add	10.74	
			For Curved Rail, Add	11.82	
			For Aluminum, Clear Anodized Finish, Add	16.61	
			For Aluminum, Dark Anodized Finish, Add	19.17	
			For Galvanized Finish, Add	7.67	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0050 LF 1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.24	5.83
For Schedule 80 Handrail, Add	2.14	
For 11 Gauge A513 Steel Tubing, Deduct	-5.81	
For 12 Gauge A513 Steel Tubing, Deduct	-6.60	
For 14 Gauge A513 Steel Tubing, Deduct	-8.71	
For 16 Gauge A513 Steel Tubing, Deduct	-10.29	
For Stainless Steel, Add	52.78	
For Aluminum, Satin Finish, Add	11.08	
For Curved Rail, Add	12.07	
For Aluminum, Clear Anodized Finish, Add	17.15	
For Aluminum, Dark Anodized Finish, Add	19.79	
For Galvanized Finish, Add	7.92	
05 52 13 00-0051 LF 1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.87	5.83
For Schedule 80 Handrail, Add	5.39	
For 11 Gauge A513 Steel Tubing, Deduct	-5.94	
For 12 Gauge A513 Steel Tubing, Deduct	-6.76	
For 14 Gauge A513 Steel Tubing, Deduct	-8.92	
For 16 Gauge A513 Steel Tubing, Deduct	-10.54	
For Stainless Steel, Add	54.04	
For Aluminum, Satin Finish, Add	11.35	
For Curved Rail, Add	12.26	
For Aluminum, Clear Anodized Finish, Add	17.56	
For Aluminum, Dark Anodized Finish, Add	20.27	
For Galvanized Finish, Add	8.11	
05 52 13 00-0052 LF 2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	50.46	5.83
For Schedule 80 Handrail, Add	2.59	
For 11 Gauge A513 Steel Tubing, Deduct	-8.05	
For 12 Gauge A513 Steel Tubing, Deduct	-9.15	
For 14 Gauge A513 Steel Tubing, Deduct	-12.08	
For 16 Gauge A513 Steel Tubing, Deduct	-14.28	
For Stainless Steel, Add	73.22	
For Aluminum, Satin Finish, Add	15.38	
For Curved Rail, Add	15.14	
For Aluminum, Clear Anodized Finish, Add	23.80	
For Aluminum, Dark Anodized Finish, Add	27.46	
For Galvanized Finish, Add	10.98	
05 52 13 00-0053 LF 2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	56.74	5.83
For Schedule 80 Handrail, Add	2.79	
For 11 Gauge A513 Steel Tubing, Deduct	-9.44	
For 12 Gauge A513 Steel Tubing, Deduct	-10.72	
For 14 Gauge A513 Steel Tubing, Deduct	-14.15	
For 16 Gauge A513 Steel Tubing, Deduct	-16.73	
For Stainless Steel, Add	85.78	
For Aluminum, Satin Finish, Add	18.01	
For Curved Rail, Add	17.02	
For Aluminum, Clear Anodized Finish, Add	27.88	
For Aluminum, Dark Anodized Finish, Add	32.17	
For Galvanized Finish, Add	12.87	
05 52 13 00-0054 Remove And Reinstall Pipe Railing (05 52 13)		
05 52 13 00-0055 LF Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	20.79	
05 52 13 00-0056 LF Removal And Reinstallation Of Floor Mounted Pipe Railing	27.24	
05 52 13 00-0057 EA Install New Galvanized Steel Pipe Railing Bracket	48.70	
For Stainless Steel, Add	41.96	
05 53 Metal Gratings (05 50)		
05 53 13 Bar Gratings (05 53)		
05 53 13 00-0001 Welded Grating (05 53 13)		
Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.		
05 53 13 00-0002 Steel, Welded Grating (05 53 13 00-0001)		
Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0003 SF 3/4" x 1/8" Steel, Welded Grating	7.90	1.02
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.00	
For 304 Stainless Steel, Add	18.84	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	1.71	
For Crossbars At 2" On-Center, Add	0.63	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.51	
05 53 13 00-0004 SF 3/4" x 3/16" Steel, Welded Grating	10.33	1.02
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.41	
For 304 Stainless Steel, Add	26.64	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	2.42	
For Crossbars At 2" On-Center, Add	0.90	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.57	



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Gratings	05 53	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating.....	9.47	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.26	
		For 304 Stainless Steel, Add	23.88	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	2.17	
		For Crossbars At 2" On-Center, Add	0.80	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.55	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating.....	12.77	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.83	
		For 304 Stainless Steel, Add	34.48	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.14	
		For Crossbars At 2" On-Center, Add	1.16	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.63	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating.....	16.07	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.39	
		For 304 Stainless Steel, Add	45.07	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	4.10	
		For Crossbars At 2" On-Center, Add	1.52	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.71	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	11.05	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.53	
		For 304 Stainless Steel, Add	28.95	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	2.63	
		For Crossbars At 2" On-Center, Add	0.97	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.59	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	15.06	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.22	
		For 304 Stainless Steel, Add	41.83	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.80	
		For Crossbars At 2" On-Center, Add	1.41	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.69	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	12.63	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.80	
		For 304 Stainless Steel, Add	34.03	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.10	
		For Crossbars At 2" On-Center, Add	1.14	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.63	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating.....	17.93	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.62	
		For 304 Stainless Steel, Add	49.56	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	4.51	
		For Crossbars At 2" On-Center, Add	1.67	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.05	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	22.95	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.48	
		For 304 Stainless Steel, Add	65.68	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.97	
		For Crossbars At 2" On-Center, Add	2.21	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.18	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating.....	20.38	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.04	
		For 304 Stainless Steel, Add	57.43	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.22	
		For Crossbars At 2" On-Center, Add	1.93	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.12	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating.....	22.68	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.43	
		For 304 Stainless Steel, Add	64.81	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.90	
		For Crossbars At 2" On-Center, Add	2.18	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.17	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating.....	25.11	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.85	
		For 304 Stainless Steel, Add	72.61	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	6.61	
		For Crossbars At 2" On-Center, Add	2.44	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.23	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating.....	27.40	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.23	
		For 304 Stainless Steel, Add	79.96	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	7.27	
		For Crossbars At 2" On-Center, Add	2.69	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.29	
05 53 13 00-0017		Pressure Locked Grating (05 53 13)		
		Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05 53 13 00-0018		Steel, Pressure Locked Grating (05 53 13 00-0017)		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating.....	14.28	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.01	
		For 304 Stainless Steel, Add	22.92	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.58	
		For Crossbars At 2" On-Center, Add	1.32	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.67	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating.....	17.40	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.52	
		For 304 Stainless Steel, Add	28.76	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	4.49	
		For Crossbars At 2" On-Center, Add	1.66	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.74	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating.....	15.62	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.23	
		For 304 Stainless Steel, Add	25.43	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	3.97	
		For Crossbars At 2" On-Center, Add	1.47	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.70	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating.....	20.98	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.11	
		For 304 Stainless Steel, Add	35.46	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	27.48	
		For Bearing Bars At 15/16" On-Center, Add	5.53	
		For Crossbars At 2" On-Center, Add	2.05	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.83	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating.....	17.40	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.52	
		For 304 Stainless Steel, Add	28.76	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	4.49	
		For Crossbars At 2" On-Center, Add	1.66	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.74	



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Gratings	05 53	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating.....	23.47	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.52	
		For 304 Stainless Steel, Add	40.11	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	6.26	
		For Crossbars At 2" On-Center, Add	2.32	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.90	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating.....	19.28	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.83	
		For 304 Stainless Steel, Add	32.27	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	5.04	
		For Crossbars At 2" On-Center, Add	1.86	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.79	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating.....	26.53	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.94	
		For 304 Stainless Steel, Add	44.98	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	34.86	
		For Bearing Bars At 15/16" On-Center, Add	7.02	
		For Crossbars At 2" On-Center, Add	2.60	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.27	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating.....	29.16	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.37	
		For 304 Stainless Steel, Add	49.90	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	7.79	
		For Crossbars At 2" On-Center, Add	2.88	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.34	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating.....	31.29	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.72	
		For 304 Stainless Steel, Add	53.88	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	8.41	
		For Crossbars At 2" On-Center, Add	3.11	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.39	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating.....	33.34	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.06	
		For 304 Stainless Steel, Add	57.72	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	9.01	
		For Crossbars At 2" On-Center, Add	3.33	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.44	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating.....	35.12	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.35	
		For 304 Stainless Steel, Add	61.05	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	9.53	
		For Crossbars At 2" On-Center, Add	3.52	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.48	
05 53 13 00-0031		Aluminum, Type 6063, Pressure Locked Grating (05 53 13 00-0017)		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating.....	16.68	1.02
		For Bearing Bars At 15/16" On-Center, Add	4.28	
		For Crossbars At 2" On-Center, Add	1.58	
		For Set In Place Without Bolting, Deduct	-1.73	
		For Powder Coating, Add	2.20	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating.....	22.68	1.02
		For Bearing Bars At 15/16" On-Center, Add	6.03	
		For Crossbars At 2" On-Center, Add	2.23	
		For Set In Place Without Bolting, Deduct	-1.88	
		For Powder Coating, Add	3.10	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating.....	21.39	1.02
		For Bearing Bars At 15/16" On-Center, Add	5.65	
		For Crossbars At 2" On-Center, Add	2.09	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.84	
		For Powder Coating, Add	2.90	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	29.15	1.02
		For Bearing Bars At 7/16" On-Center, Add	39.32	
		For Bearing Bars At 15/16" On-Center, Add	7.92	
		For Crossbars At 2" On-Center, Add	2.93	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.04	
		For Powder Coating, Add	4.07	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	24.80	1.02
		For Bearing Bars At 15/16" On-Center, Add	6.65	
		For Crossbars At 2" On-Center, Add	2.46	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.93	
		For Powder Coating, Add	3.42	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	33.26	1.02
		For Bearing Bars At 15/16" On-Center, Add	9.12	
		For Crossbars At 2" On-Center, Add	3.37	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.14	
		For Powder Coating, Add	4.68	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.01	1.02
		For Bearing Bars At 15/16" On-Center, Add	7.59	
		For Crossbars At 2" On-Center, Add	2.81	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.01	
		For Powder Coating, Add	3.90	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	37.51	1.02
		For Bearing Bars At 7/16" On-Center, Add	51.45	
		For Bearing Bars At 15/16" On-Center, Add	10.36	
		For Crossbars At 2" On-Center, Add	3.83	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.25	
		For Powder Coating, Add	5.32	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	41.57	1.02
		For Bearing Bars At 15/16" On-Center, Add	11.55	
		For Crossbars At 2" On-Center, Add	4.27	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.35	
		For Powder Coating, Add	5.93	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	46.38	1.02
		For Bearing Bars At 15/16" On-Center, Add	12.95	
		For Crossbars At 2" On-Center, Add	4.79	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.47	
		For Powder Coating, Add	6.65	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	50.16	1.02
		For Bearing Bars At 15/16" On-Center, Add	14.05	
		For Crossbars At 2" On-Center, Add	5.20	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.56	
		For Powder Coating, Add	7.22	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	54.66	1.02
		For Bearing Bars At 15/16" On-Center, Add	15.37	
		For Crossbars At 2" On-Center, Add	5.68	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.68	
		For Powder Coating, Add	7.89	
05 53 13 00-0044		Swage Locked Grating (05 53 13) Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
05 53 13 00-0045		Steel, Swage Locked Grating (05 53 13 00-0044) Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	22.89	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.92	
		For 304 Stainless Steel, Add	34.59	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	13.35	
		For Crossbars At 2" On-Center, Add	1.67	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.88	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	25.47	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.16	
		For 304 Stainless Steel, Add	38.86	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	15.00	
		For Crossbars At 2" On-Center, Add	1.88	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.95	



Metals			05	05
Metal Fabrications			05 50	
Metal Gratings			05 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating.....	27.94	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	2.34		
		For 304 Stainless Steel, Add	42.20		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	16.29		
		For Crossbars At 2" On-Center, Add	2.04		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.30		
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating.....	31.88	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	2.70		
		For 304 Stainless Steel, Add	48.73		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	18.81		
		For Crossbars At 2" On-Center, Add	2.35		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.40		
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating.....	35.85	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.07		
		For 304 Stainless Steel, Add	55.31		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	21.35		
		For Crossbars At 2" On-Center, Add	2.67		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.50		
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating.....	39.79	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.43		
		For 304 Stainless Steel, Add	61.84		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	23.87		
		For Crossbars At 2" On-Center, Add	2.98		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.60		
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating.....	43.75	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.80		
		For 304 Stainless Steel, Add	68.41		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	26.41		
		For Crossbars At 2" On-Center, Add	3.30		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.70		
05 53 13 00-0053		Aluminum Grating, Type 6063, Swage Locked (05 53 13 00-0044)			
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.			
05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating.....	19.73	1.02	
		For Bearing Bars At 15/16" On-Center, Add	11.33		
		For Crossbars At 2" On-Center, Add	1.42		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-1.80		
		For Powder Coating, Add	2.66		
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating.....	25.65	1.02	
		For Bearing Bars At 15/16" On-Center, Add	15.12		
		For Crossbars At 2" On-Center, Add	1.89		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-1.95		
		For Powder Coating, Add	3.54		
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating.....	22.39	1.02	
		For Bearing Bars At 15/16" On-Center, Add	13.03		
		For Crossbars At 2" On-Center, Add	1.63		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-1.87		
		For Powder Coating, Add	3.05		
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating.....	29.64	1.02	
		For Bearing Bars At 15/16" On-Center, Add	17.67		
		For Crossbars At 2" On-Center, Add	2.21		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.05		
		For Powder Coating, Add	4.14		
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating.....	25.55	1.02	
		For Bearing Bars At 15/16" On-Center, Add	15.05		
		For Crossbars At 2" On-Center, Add	1.88		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-1.95		
		For Powder Coating, Add	3.53		
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating.....	33.91	1.02	
		For Bearing Bars At 15/16" On-Center, Add	20.40		
		For Crossbars At 2" On-Center, Add	2.55		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.16		
		For Powder Coating, Add	4.78		

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	38.83	1.02
		For Bearing Bars At 15/16" On-Center, Add	23.55	
		For Crossbars At 2" On-Center, Add	2.94	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.28	
		For Powder Coating, Add	5.52	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	43.72	1.02
		For Bearing Bars At 15/16" On-Center, Add	26.68	
		For Crossbars At 2" On-Center, Add	3.34	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.40	
		For Powder Coating, Add	6.25	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	48.63	1.02
		For Bearing Bars At 15/16" On-Center, Add	29.82	
		For Crossbars At 2" On-Center, Add	3.73	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.53	
		For Powder Coating, Add	6.99	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	53.52	1.02
		For Bearing Bars At 15/16" On-Center, Add	32.95	
		For Crossbars At 2" On-Center, Add	4.12	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.65	
		For Powder Coating, Add	7.72	
05 53 13 00-0064		Riveted Grating (05 53 13)		
		Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065		Steel, Riveted Grating (05 53 13 00-0064)		
		Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	42.84	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.96	
		For 304 Stainless Steel, Add	35.06	
		For 5/8" Clear Opening, Add	14.08	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.38	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	50.31	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.32	
		For 304 Stainless Steel, Add	41.47	
		For 5/8" Clear Opening, Add	16.66	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.57	
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	46.28	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.12	
		For 304 Stainless Steel, Add	38.01	
		For 5/8" Clear Opening, Add	15.27	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.47	
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	53.16	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.45	
		For 304 Stainless Steel, Add	43.92	
		For 5/8" Clear Opening, Add	17.64	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.64	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	49.13	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.26	
		For 304 Stainless Steel, Add	40.46	
		For 5/8" Clear Opening, Add	16.25	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.54	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	58.46	1.02
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.71	
		For 304 Stainless Steel, Add	48.47	
		For 5/8" Clear Opening, Add	19.47	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.77	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	52.33	1.25
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.39	
		For 304 Stainless Steel, Add	42.81	
		For 5/8" Clear Opening, Add	17.19	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.91	



Metals			05	05
Metal Fabrications			05 50	
Metal Gratings			05 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating.....	62.30	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	2.87		
		For 304 Stainless Steel, Add	51.38		
		For 5/8" Clear Opening, Add	20.63		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.16		
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating.....	67.39	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.12		
		For 304 Stainless Steel, Add	55.75		
		For 5/8" Clear Opening, Add	22.39		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.29		
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating.....	78.76	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.66		
		For 304 Stainless Steel, Add	65.52		
		For 5/8" Clear Opening, Add	26.31		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.58		
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating.....	82.72	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.85		
		For 304 Stainless Steel, Add	68.92		
		For 5/8" Clear Opening, Add	27.68		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.67		
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating.....	86.24	1.25	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.02		
		For 304 Stainless Steel, Add	71.94		
		For 5/8" Clear Opening, Add	28.89		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.76		
05 53 13 00-0078		Aluminum, Riveted Grating (05 53 13 00-0064)			
		Note: 1" clear opening, bolted in place and in all sizes.			
05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating.....	42.45	1.02	
		For 5/8" Clear Opening, Add	13.94		
		For Powder Coating, Add	6.06		
		For Set In Place Without Bolting, Deduct	-2.37		
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating.....	50.44	1.02	
		For 5/8" Clear Opening, Add	16.70		
		For Powder Coating, Add	7.26		
		For Set In Place Without Bolting, Deduct	-2.57		
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating.....	46.72	1.02	
		For 5/8" Clear Opening, Add	15.42		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	6.70		
		For Set In Place Without Bolting, Deduct	-2.48		
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating.....	54.53	1.02	
		For 5/8" Clear Opening, Add	18.11		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	7.88		
		For Set In Place Without Bolting, Deduct	-2.67		
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating.....	52.44	1.02	
		For 5/8" Clear Opening, Add	17.39		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	7.56		
		For Set In Place Without Bolting, Deduct	-2.62		
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating.....	63.28	1.02	
		For 5/8" Clear Opening, Add	21.13		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	9.19		
		For Set In Place Without Bolting, Deduct	-2.89		
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating.....	56.34	1.02	
		For 5/8" Clear Opening, Add	18.74		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	8.15		
		For Set In Place Without Bolting, Deduct	-2.72		
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating.....	70.11	1.02	
		For 5/8" Clear Opening, Add	23.49		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	10.21		
		For Set In Place Without Bolting, Deduct	-3.06		
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating.....	77.33	1.02	
		For 5/8" Clear Opening, Add	25.98		
		For Serrated Wear Surface, Add	0.16		
		For Powder Coating, Add	11.30		
		For Set In Place Without Bolting, Deduct	-3.24		

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0088 SF 2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....	92.16	1.02
For 5/8" Clear Opening, Add	31.09	
For Serrated Wear Surface, Add	0.16	
For Powder Coating, Add	13.52	
For Set In Place Without Bolting, Deduct	-3.61	
05 53 13 00-0089 SF 2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	100.57	1.02
For 5/8" Clear Opening, Add	34.00	
For Serrated Wear Surface, Add	0.16	
For Powder Coating, Add	14.78	
For Set In Place Without Bolting, Deduct	-3.82	
05 53 13 00-0090 SF 2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	111.85	1.02
For 5/8" Clear Opening, Add	37.89	
For Serrated Wear Surface, Add	0.16	
For Powder Coating, Add	16.47	
For Set In Place Without Bolting, Deduct	-4.11	

05 53 16 Plank Gratings (05 53)**05 53 16 00-0001 Grate-Lock Steel Plank Grating (05 53 16)**

Note: Smooth or traction grip surface.

05 53 16 00-0002 SF 1-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	11.68	0.78
For Stair Tread Application, Add	1.40	
05 53 16 00-0003 SF 2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	12.55	0.97
For Stair Tread Application, Add	1.55	
05 53 16 00-0004 SF 3" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	13.24	1.06
For Stair Tread Application, Add	1.64	
05 53 16 00-0005 SF 4" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	14.46	1.15
For Stair Tread Application, Add	1.79	
05 53 16 00-0006 SF 1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating.....	14.19	0.87
For Stair Tread Application, Add	1.68	
05 53 16 00-0007 SF 2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating.....	15.16	1.06
For Stair Tread Application, Add	1.83	
05 53 16 00-0008 SF 1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	17.39	1.02
For Stair Tread Application, Add	2.04	
05 53 16 00-0009 SF 2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	18.59	1.25
For Stair Tread Application, Add	2.23	
05 53 16 00-0010 SF 3" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	20.01	1.57
For Stair Tread Application, Add	2.47	
05 53 16 00-0011 SF 4" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	22.10	1.76
For Stair Tread Application, Add	2.74	

05 54 Metal Floor Plates (05 50)**05 54 00 00-0001 Steel Floor Plates (05 54)**

05 54 00 00-0002 SF 16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	13.05	1.20
05 54 00 00-0003 SF 14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	14.86	1.20
05 54 00 00-0004 SF 12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	18.51	1.20
05 54 00 00-0005 SF 1/8" Steel Raised Or Diamond Pattern Floor Plates.....	24.70	1.30
05 54 00 00-0006 SF 1/4" Steel Raised Or Diamond Pattern Floor Plates.....	31.24	1.39

05 54 00 00-0007 Aluminum Alloy Floor Plates (05 54)

05 54 00 00-0008 SF 0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	19.71	1.02
For Powder Coating, Add	2.65	
05 54 00 00-0009 SF 0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	22.62	1.20
For Powder Coating, Add	3.05	
05 54 00 00-0010 SF 0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	25.52	1.30
For Powder Coating, Add	3.44	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates (05 54)

05 54 00 00-0012 SF 1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	27.13	1.39
05 54 00 00-0013 SF 3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	32.41	1.57
05 54 00 00-0014 SF 1/4" Type 304 Stainless Steel Raised Or Diamond Pattern Steel Floor Plate.....	41.92	1.85

05 55 Metal Stair Treads and Nosings (05 50)**05 55 13 Metal Stair Treads (05 55)****05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads (05 55 13)**

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002 LF 8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	47.76	5.11
For 3/8" Thick, Add	9.90	
05 55 13 00-0003 LF 9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	52.46	5.11
For 3/8" Thick, Add	11.07	
05 55 13 00-0004 LF 10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	57.15	5.11
For 3/8" Thick, Add	12.25	
05 55 13 00-0005 LF 11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	61.87	5.11
For 3/8" Thick, Add	13.43	



Metals			05
Metal Fabrications			05 50
Metal Stair Treads and Nosings			05 55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0006	LF		12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread..... <i>For 3/8" Thick, Add</i>	66.54 14.59	5.11
05 55 13 00-0007			Abrasive Cast Iron Stair Treads (05 55 13) Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF		8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	65.99	5.11
05 55 13 00-0009	LF		9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	72.96	5.11
05 55 13 00-0010	LF		10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	79.94	5.11
05 55 13 00-0011	LF		11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	86.90	5.11
05 55 13 00-0012	LF		12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	93.88	5.11
05 55 13 00-0013			Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads (05 55 13) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF		6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	25.77	5.11
05 55 13 00-0015	LF		9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	30.03	5.11
05 55 13 00-0016	LF		11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	31.90	5.11
05 55 13 00-0017			Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads (05 55 13) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF		8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	37.52	5.11
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.96	
			<i>For Two Color Tread, Add</i>	2.22	
05 55 13 00-0019	LF		9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	37.88	5.11
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.96	
			<i>For Two Color Tread, Add</i>	2.22	
05 55 13 00-0020	LF		11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	45.54	5.11
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.96	
			<i>For Two Color Tread, Add</i>	2.22	
05 55 13 00-0021	LF		12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	52.25	5.11
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.96	
			<i>For Two Color Tread, Add</i>	2.22	
05 55 13 00-0022	LF		15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	61.01	5.11
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.96	
			<i>For Two Color Tread, Add</i>	2.22	
05 55 13 00-0023			Stair Landing Treads (05 55 13)		
05 55 13 00-0024			Abrasive Cast Aluminum Stair Landing Treads (05 55 13 00-0023) Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF		5/16" Thick, Abrasive Cast Aluminum Landing Treads	66.54	5.11
			<i>For 3/8" Thick, Add</i>	14.59	
05 55 13 00-0026			Abrasive Cast Iron Stair Landing Treads (05 55 13 00-0023) Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF		3/8" Thick, Abrasive Cast Iron Landing Treads	93.88	5.11
05 55 13 00-0028			Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads (05 55 13 00-0023) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF		9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads.....	61.78	5.11
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.96	
05 55 13 00-0030			Open Cast Iron Stair Tread (05 55 13) Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR		3'-6" Wide, Open Cast Iron Stair Tread.....	452.81	36.96
			<i>For Closed Riser, Add</i>	38.61	
05 55 13 00-0032	RSR		4'-0" Wide, Open Cast Iron Stair Tread.....	510.84	42.50
			<i>For Closed Riser, Add</i>	43.42	
05 55 13 00-0033	RSR		5'-0" Wide, Open Cast Iron Stair Tread.....	564.33	49.89
			<i>For Closed Riser, Add</i>	47.90	
05 55 16			Metal Stair Nosings (05 55)		
05 55 16 00-0001			Abrasive Cast Aluminum Nosings (05 55 16) Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF		3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	20.48	3.49
			<i>For 3/8" Thick, Add</i>	3.73	
05 55 16 00-0003	LF		4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	25.02	3.49
			<i>For 3/8" Thick, Add</i>	4.86	

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads and Nosings**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing <i>For 3/8" Thick, Add</i>	35.13 7.39	3.49
05 55 16 00-0005		Abrasive Cast Iron Nosings (05 55 16) Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing <i>For 3/8" Thick, Add</i>	23.79 4.56	3.49
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing <i>For 3/8" Thick, Add</i>	29.38 5.95	3.49
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing <i>For 3/8" Thick, Add</i>	40.43 8.72	3.49
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings (05 55 16) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	17.40	3.49
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	19.69	3.49
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	21.26	3.49
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.45	3.49
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	17.99	3.49
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	19.86	3.49
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	21.70	3.49
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	20.58	3.49
05 56 Metal Castings (05 50)				
05 56 00 00-0001		Castings (05 56)		
05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section.....	3.68	0.46
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section.....	6.06	0.37
05 58 Formed Metal Fabrications (05 50)				
05 58 16 Formed Metal Enclosures (05 58)				
05 58 16 00-0001		Drip Pan (05 58 16)		
05 58 16 00-0002	SF	Stainless Steel Drip Pan	73.70	4.88
05 58 16 00-0003	SF	Galvanized Steel Drip Pan.....	72.81	4.88
05 58 16 00-0004	SF	Aluminum Drip Pan.....	51.20	3.90
05 58 16 00-0005	SF	Plastic Drip Pan.....	13.78	3.42
05 58 23 Formed Metal Guards (05 58)				
05 58 23 00-0001		Protective Guard Rails (05 58 23) Note: Includes painted finish.		
05 58 23 00-0002		2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Armor Guard.		
05 58 23 00-0003		Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0002) Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	137.46	16.72
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	160.97	16.72
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	183.15	16.72
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	206.65	16.72
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	228.95	16.72
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	257.86	16.72
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	277.56	16.72
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	308.05	16.72
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	328.06	16.72
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	342.36	16.72
05 58 23 00-0014		Posts For 2-Rib Guard Rails (05 58 23 00-0002) Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	278.07	34.84
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	359.71	34.84
05 58 23 00-0017		3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Steel Guard.		
05 58 23 00-0018		Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017) Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	151.63	16.72
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	167.26	16.72
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	186.77	16.72
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	205.00	16.72
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	226.09	16.72



		Metals	05	05
		Metal Fabrications	05 50	
		Formed Metal Fabrications	05 58	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	236.26		16.72
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	260.72		16.72
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	281.37		16.72
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	303.29		16.72
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	325.52		16.72
05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017)					
Note: Excludes posts. Includes fasteners and lift-out mounting plate.					
05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	221.96		16.72
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	239.12		16.72
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	256.91		16.72
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	277.56		16.72
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	298.20		16.72
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	315.04		16.72
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	334.42		16.72
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	356.34		16.72
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	379.84		16.72
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	400.49		16.72
05 58 23 00-0040 Posts For 3-Rib Guard Rails (05 58 23 00-0017)					
Note: Includes drilling, surface mounting plate and anchors.					
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	245.54		34.84
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	311.74		34.84
05 58 23 00-0043 All-Welded, Protective Guards (05 58 23)					
Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.					
05 58 23 00-0044 All-Welded, Protective Guards (05 58 23 00-0043)					
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	320.68		46.45
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	336.56		46.45
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	345.77		46.45
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	359.43		46.45
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	356.26		46.45
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	373.09		46.45
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	377.86		46.45
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	383.26		46.45
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	408.99		46.45
05 58 23 00-0054 Corner Style, All-Welded, Protective Guards (05 58 23 00-0043)					
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	419.15		46.45
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	438.21		46.45
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	446.15		46.45
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	485.23		46.45
05 58 23 00-0059 Warehouse Safety Bollards (05 58 23)					
Note: Includes painted finish, drilling, surface mounting plate and anchors.					
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	206.74		34.84
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	238.13		34.84
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	271.36		34.84
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	280.44		34.84
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	301.41		34.84
05 59 Metal Specialties (05 50)					
05 59 65 Metal Chain (05 59)					
05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length (05 59 65)					
Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.					
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	4.48		0.89
For Plastic Dipped, Add			0.40		
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	6.25		1.19
For Plastic Dipped, Add			0.58		
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	9.97		2.38
For Plastic Dipped, Add			0.78		
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	16.03		4.01
For Plastic Dipped, Add			1.20		
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	27.06		6.78
For Plastic Dipped, Add			2.03		
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	37.98		9.52
For Plastic Dipped, Add			2.84		
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	51.58		11.90
For Plastic Dipped, Add			4.17		
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	74.34		15.86
For Plastic Dipped, Add			6.39		

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 65 00-0010	LF		1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	120.50	23.79
			For Plastic Dipped, Add	10.94	
05 59 69			Metal Panels (05 59)		
05 59 69 00-0001			Woven And Welded Wire Cloth (05 59 69)		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0002			Plain Steel Woven And Welded Wire Cloth Panels (05 59 69 00-0001)		
05 59 69 00-0003			2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0004	SF		0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels.....	7.77	2.54
			For Up To 2, Add	2.23	
			For >2 To 6, Add	1.29	
			For >15 To 40, Deduct	-0.22	
			For >40, Deduct	-0.66	
			For Galvanized, Add	1.93	
			For Aluminum, Add	2.63	
			For 304 Stainless Steel, Add	10.51	
			For 316 Stainless Steel, Add	12.05	
05 59 69 00-0005	SF		0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels.....	8.35	2.64
			For Up To 2, Add	2.88	
			For >2 To 6, Add	1.36	
			For >15 To 40, Deduct	-0.24	
			For >40, Deduct	-0.72	
			For Galvanized, Add	2.12	
			For Aluminum, Add	2.89	
			For 304 Stainless Steel, Add	11.57	
			For 316 Stainless Steel, Add	13.26	
05 59 69 00-0006	SF		0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels.....	8.89	2.94
			For Up To 2, Add	2.56	
			For >2 To 6, Add	1.48	
			For >15 To 40, Deduct	-0.25	
			For >40, Deduct	-0.75	
			For Galvanized, Add	2.19	
			For Aluminum, Add	2.99	
			For 304 Stainless Steel, Add	11.95	
			For 316 Stainless Steel, Add	13.70	
05 59 69 00-0007	SF		0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels.....	9.37	3.06
			For Up To 2, Add	2.69	
			For >2 To 6, Add	1.55	
			For >15 To 40, Deduct	-0.27	
			For >40, Deduct	-0.80	
			For Galvanized, Add	2.33	
			For Aluminum, Add	3.18	
			For 304 Stainless Steel, Add	12.72	
			For 316 Stainless Steel, Add	14.58	
05 59 69 00-0008	SF		0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels.....	10.26	3.43
			For Up To 2, Add	2.97	
			For >2 To 6, Add	1.71	
			For >15 To 40, Deduct	-0.28	
			For >40, Deduct	-0.85	
			For Galvanized, Add	2.50	
			For Aluminum, Add	3.41	
			For 304 Stainless Steel, Add	13.66	
			For 316 Stainless Steel, Add	15.65	
05 59 69 00-0009	SF		0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels.....	11.77	3.81
			For Up To 2, Add	3.37	
			For >2 To 6, Add	1.94	
			For >15 To 40, Deduct	-0.33	
			For >40, Deduct	-1.00	
			For Galvanized, Add	2.94	
			For Aluminum, Add	4.01	
			For 304 Stainless Steel, Add	16.03	
			For 316 Stainless Steel, Add	18.37	
05 59 69 00-0010	SF		0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels.....	13.33	4.20
			For Up To 2, Add	3.79	
			For >2 To 6, Add	2.17	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.16	
			For Galvanized, Add	3.40	
			For Aluminum, Add	4.64	
			For 304 Stainless Steel, Add	18.55	
			For 316 Stainless Steel, Add	21.26	
05 59 69 00-0011	SF		0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels.....	15.24	4.66
			For Up To 2, Add	4.29	
			For >2 To 6, Add	2.46	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.35	
			For Galvanized, Add	3.97	
			For Aluminum, Add	5.42	
			For 304 Stainless Steel, Add	21.67	
			For 316 Stainless Steel, Add	24.83	
05 59 69 00-0012			1-3/4" Square Wire Spacing (05 59 69 00-0002)		



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Specialties	05 59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0013	SF		0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	8.16	2.69
			For Up To 2, Add	2.35	
			For >2 To 6, Add	1.35	
			For >15 To 40, Deduct	-0.23	
			For >40, Deduct	-0.69	
			For Galvanized, Add	2.01	
			For Aluminum, Add	2.74	
			For 304 Stainless Steel, Add	10.97	
			For 316 Stainless Steel, Add	12.57	
05 59 69 00-0014	SF		0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels.....	8.96	2.83
			For Up To 2, Add	2.55	
			For >2 To 6, Add	1.46	
			For >15 To 40, Deduct	-0.26	
			For >40, Deduct	-0.78	
			For Galvanized, Add	2.27	
			For Aluminum, Add	3.10	
			For 304 Stainless Steel, Add	12.41	
			For 316 Stainless Steel, Add	14.22	
05 59 69 00-0015	SF		0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels.....	9.65	3.18
			For Up To 2, Add	2.78	
			For >2 To 6, Add	1.60	
			For >15 To 40, Deduct	-0.27	
			For >40, Deduct	-0.81	
			For Galvanized, Add	2.38	
			For Aluminum, Add	3.24	
			For 304 Stainless Steel, Add	12.96	
			For 316 Stainless Steel, Add	14.85	
05 59 69 00-0016	SF		0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels.....	10.08	3.29
			For Up To 2, Add	2.89	
			For >2 To 6, Add	1.67	
			For >15 To 40, Deduct	-0.29	
			For >40, Deduct	-0.86	
			For Galvanized, Add	2.51	
			For Aluminum, Add	3.42	
			For 304 Stainless Steel, Add	13.68	
			For 316 Stainless Steel, Add	15.68	
05 59 69 00-0017	SF		0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels.....	11.04	3.68
			For Up To 2, Add	3.19	
			For >2 To 6, Add	1.84	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.92	
			For Galvanized, Add	2.70	
			For Aluminum, Add	3.68	
			For 304 Stainless Steel, Add	14.71	
			For 316 Stainless Steel, Add	16.86	
05 59 69 00-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels.....	12.68	4.12
			For Up To 2, Add	3.63	
			For >2 To 6, Add	2.09	
			For >15 To 40, Deduct	-0.36	
			For >40, Deduct	-1.08	
			For Galvanized, Add	3.16	
			For Aluminum, Add	4.31	
			For 304 Stainless Steel, Add	17.26	
			For 316 Stainless Steel, Add	19.77	
05 59 69 00-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels.....	14.32	4.51
			For Up To 2, Add	4.07	
			For >2 To 6, Add	2.33	
			For >15 To 40, Deduct	-0.42	
			For >40, Deduct	-1.25	
			For Galvanized, Add	3.66	
			For Aluminum, Add	4.99	
			For 304 Stainless Steel, Add	19.94	
			For 316 Stainless Steel, Add	22.85	
05 59 69 00-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels.....	16.41	5.01
			For Up To 2, Add	4.62	
			For >2 To 6, Add	2.64	
			For >15 To 40, Deduct	-0.49	
			For >40, Deduct	-1.46	
			For Galvanized, Add	4.28	
			For Aluminum, Add	5.83	
			For 304 Stainless Steel, Add	23.33	
			For 316 Stainless Steel, Add	26.73	
05 59 69 00-0021			1-1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0022	SF		0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	9.03	2.99
			For Up To 2, Add	2.60	
			For >2 To 6, Add	1.50	
			For >15 To 40, Deduct	-0.25	
			For >40, Deduct	-0.76	
			For Galvanized, Add	2.23	
			For Aluminum, Add	3.04	
			For 304 Stainless Steel, Add	12.14	
			For 316 Stainless Steel, Add	13.92	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels.....	9.91	3.14
			For Up To 2, Add	2.82	
			For >2 To 6, Add	1.62	
			For >15 To 40, Deduct	-0.29	
			For >40, Deduct	-0.86	
			For Galvanized, Add	2.52	
			For Aluminum, Add	3.43	
			For 304 Stainless Steel, Add	13.73	
			For 316 Stainless Steel, Add	15.73	
05 59 69 00-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels.....	10.55	3.48
			For Up To 2, Add	3.04	
			For >2 To 6, Add	1.75	
			For >15 To 40, Deduct	-0.30	
			For >40, Deduct	-0.89	
			For Galvanized, Add	2.60	
			For Aluminum, Add	3.55	
			For 304 Stainless Steel, Add	14.18	
			For 316 Stainless Steel, Add	16.25	
05 59 69 00-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels.....	11.12	3.63
			For Up To 2, Add	3.19	
			For >2 To 6, Add	1.84	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.94	
			For Galvanized, Add	2.77	
			For Aluminum, Add	3.77	
			For 304 Stainless Steel, Add	15.10	
			For 316 Stainless Steel, Add	17.30	
05 59 69 00-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels.....	12.14	4.05
			For Up To 2, Add	3.51	
			For >2 To 6, Add	2.03	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.01	
			For Galvanized, Add	2.96	
			For Aluminum, Add	4.04	
			For 304 Stainless Steel, Add	16.15	
			For 316 Stainless Steel, Add	18.51	
05 59 69 00-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels.....	13.85	4.49
			For Up To 2, Add	3.97	
			For >2 To 6, Add	2.28	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.18	
			For Galvanized, Add	3.46	
			For Aluminum, Add	4.72	
			For 304 Stainless Steel, Add	18.86	
			For 316 Stainless Steel, Add	21.62	
05 59 69 00-0028	SF		0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels.....	15.67	4.94
			For Up To 2, Add	4.45	
			For >2 To 6, Add	2.55	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.36	
			For Galvanized, Add	4.00	
			For Aluminum, Add	5.45	
			For 304 Stainless Steel, Add	21.82	
			For 316 Stainless Steel, Add	25.00	
05 59 69 00-0029	SF		0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels.....	17.90	5.48
			For Up To 2, Add	5.04	
			For >2 To 6, Add	2.88	
			For >15 To 40, Deduct	-0.53	
			For >40, Deduct	-1.59	
			For Galvanized, Add	4.67	
			For Aluminum, Add	6.37	
			For 304 Stainless Steel, Add	25.46	
			For 316 Stainless Steel, Add	29.18	
05 59 69 00-0030			1-1/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0031	SF		0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels.....	9.27	3.23
			For Up To 2, Add	2.72	
			For >2 To 6, Add	1.57	
			For >15 To 40, Deduct	-0.25	
			For >40, Deduct	-0.74	
			For Galvanized, Add	2.18	
			For Aluminum, Add	2.98	
			For 304 Stainless Steel, Add	11.90	
			For 316 Stainless Steel, Add	13.64	
05 59 69 00-0032	SF		0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels.....	10.01	3.39
			For Up To 2, Add	2.91	
			For >2 To 6, Add	1.68	
			For >15 To 40, Deduct	-0.27	
			For >40, Deduct	-0.82	
			For Galvanized, Add	2.42	
			For Aluminum, Add	3.29	
			For 304 Stainless Steel, Add	13.18	
			For 316 Stainless Steel, Add	15.10	



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Specialties	05 59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0033	SF		0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels.....	10.85	3.53
			For Up To 2, Add	3.11	
			For >2 To 6, Add	1.79	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.92	
			For Galvanized, Add	2.70	
			For Aluminum, Add	3.68	
			For 304 Stainless Steel, Add	14.74	
			For 316 Stainless Steel, Add	16.89	
05 59 69 00-0034	SF		0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels.....	11.18	3.60
			For Up To 2, Add	3.20	
			For >2 To 6, Add	1.84	
			For >15 To 40, Deduct	-0.32	
			For >40, Deduct	-0.96	
			For Galvanized, Add	2.81	
			For Aluminum, Add	3.83	
			For 304 Stainless Steel, Add	15.31	
			For 316 Stainless Steel, Add	17.55	
05 59 69 00-0035	SF		0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels.....	12.14	4.06
			For Up To 2, Add	3.51	
			For >2 To 6, Add	2.03	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.01	
			For Galvanized, Add	2.96	
			For Aluminum, Add	4.03	
			For 304 Stainless Steel, Add	16.13	
			For 316 Stainless Steel, Add	18.48	
05 59 69 00-0036	SF		0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels.....	13.68	4.57
			For Up To 2, Add	3.95	
			For >2 To 6, Add	2.28	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.14	
			For Galvanized, Add	3.34	
			For Aluminum, Add	4.55	
			For 304 Stainless Steel, Add	18.22	
			For 316 Stainless Steel, Add	20.87	
05 59 69 00-0037	SF		0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels.....	15.54	5.04
			For Up To 2, Add	4.45	
			For >2 To 6, Add	2.56	
			For >15 To 40, Deduct	-0.44	
			For >40, Deduct	-1.32	
			For Galvanized, Add	3.88	
			For Aluminum, Add	5.29	
			For 304 Stainless Steel, Add	21.17	
			For 316 Stainless Steel, Add	24.26	
05 59 69 00-0038	SF		0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels.....	17.49	5.51
			For Up To 2, Add	4.97	
			For >2 To 6, Add	2.85	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.52	
			For Galvanized, Add	4.47	
			For Aluminum, Add	6.09	
			For 304 Stainless Steel, Add	24.36	
			For 316 Stainless Steel, Add	27.91	
05 59 69 00-0039	SF		0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels.....	20.03	6.12
			For Up To 2, Add	5.64	
			For >2 To 6, Add	3.23	
			For >15 To 40, Deduct	-0.59	
			For >40, Deduct	-1.78	
			For Galvanized, Add	5.22	
			For Aluminum, Add	7.12	
			For 304 Stainless Steel, Add	28.49	
			For 316 Stainless Steel, Add	32.64	
05 59 69 00-0040			1" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0041	SF		0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels.....	10.59	3.79
			For Up To 2, Add	3.13	
			For >2 To 6, Add	1.82	
			For >15 To 40, Deduct	-0.28	
			For >40, Deduct	-0.83	
			For Galvanized, Add	2.44	
			For Aluminum, Add	3.33	
			For 304 Stainless Steel, Add	13.32	
			For 316 Stainless Steel, Add	15.26	
05 59 69 00-0042	SF		0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels.....	11.34	3.94
			For Up To 2, Add	3.32	
			For >2 To 6, Add	1.92	
			For >15 To 40, Deduct	-0.30	
			For >40, Deduct	-0.91	
			For Galvanized, Add	2.68	
			For Aluminum, Add	3.65	
			For 304 Stainless Steel, Add	14.62	
			For 316 Stainless Steel, Add	16.75	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0043	SF		0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels.....	11.81	4.12
			For Up To 2, Add	3.46	
			For >2 To 6, Add	2.00	
			For >15 To 40, Deduct	-0.32	
			For >40, Deduct	-0.95	
			For Galvanized, Add	2.78	
			For Aluminum, Add	3.79	
			For 304 Stainless Steel, Add	15.17	
			For 316 Stainless Steel, Add	17.38	
05 59 69 00-0044	SF		0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels.....	12.64	4.17
			For Up To 2, Add	3.64	
			For >2 To 6, Add	2.10	
			For >15 To 40, Deduct	-0.35	
			For >40, Deduct	-1.06	
			For Galvanized, Add	3.11	
			For Aluminum, Add	4.24	
			For 304 Stainless Steel, Add	16.97	
			For 316 Stainless Steel, Add	19.44	
05 59 69 00-0045	SF		0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels.....	14.06	4.70
			For Up To 2, Add	4.07	
			For >2 To 6, Add	2.35	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.17	
			For Galvanized, Add	3.43	
			For Aluminum, Add	4.67	
			For 304 Stainless Steel, Add	18.70	
			For 316 Stainless Steel, Add	21.42	
05 59 69 00-0046	SF		0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels.....	15.78	5.27
			For Up To 2, Add	4.56	
			For >2 To 6, Add	2.63	
			For >15 To 40, Deduct	-0.44	
			For >40, Deduct	-1.31	
			For Galvanized, Add	3.85	
			For Aluminum, Add	5.26	
			For 304 Stainless Steel, Add	21.02	
			For 316 Stainless Steel, Add	24.09	
05 59 69 00-0047	SF		0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels.....	18.03	5.84
			For Up To 2, Add	5.17	
			For >2 To 6, Add	2.97	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.53	
			For Galvanized, Add	4.50	
			For Aluminum, Add	6.14	
			For 304 Stainless Steel, Add	24.55	
			For 316 Stainless Steel, Add	28.13	
05 59 69 00-0048	SF		0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels.....	20.27	6.38
			For Up To 2, Add	5.76	
			For >2 To 6, Add	3.30	
			For >15 To 40, Deduct	-0.59	
			For >40, Deduct	-1.76	
			For Galvanized, Add	5.17	
			For Aluminum, Add	7.06	
			For 304 Stainless Steel, Add	28.22	
			For 316 Stainless Steel, Add	32.34	
05 59 69 00-0049	SF		0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels.....	23.10	7.06
			For Up To 2, Add	6.50	
			For >2 To 6, Add	3.72	
			For >15 To 40, Deduct	-0.68	
			For >40, Deduct	-2.05	
			For Galvanized, Add	6.02	
			For Aluminum, Add	8.21	
			For 304 Stainless Steel, Add	32.86	
			For 316 Stainless Steel, Add	37.65	
05 59 69 00-0050			3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0051	SF		0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels.....	10.71	3.78
			For Up To 2, Add	3.15	
			For >2 To 6, Add	1.83	
			For >15 To 40, Deduct	-0.28	
			For >40, Deduct	-0.85	
			For Galvanized, Add	2.50	
			For Aluminum, Add	3.41	
			For 304 Stainless Steel, Add	13.63	
			For 316 Stainless Steel, Add	15.62	
05 59 69 00-0052	SF		0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels.....	11.97	4.24
			For Up To 2, Add	3.52	
			For >2 To 6, Add	2.04	
			For >15 To 40, Deduct	-0.32	
			For >40, Deduct	-0.95	
			For Galvanized, Add	2.78	
			For Aluminum, Add	3.79	
			For 304 Stainless Steel, Add	15.17	
			For 316 Stainless Steel, Add	17.38	



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Specialties	05 59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0053	SF		0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels.....	13.25	4.79
			For Up To 2, Add	3.92	
			For >2 To 6, Add	2.28	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.03	
			For Galvanized, Add	3.03	
			For Aluminum, Add	4.13	
			For 304 Stainless Steel, Add	16.51	
			For 316 Stainless Steel, Add	18.92	
05 59 69 00-0054	SF		0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels.....	14.33	5.10
			For Up To 2, Add	4.23	
			For >2 To 6, Add	2.45	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.13	
			For Galvanized, Add	3.31	
			For Aluminum, Add	4.51	
			For 304 Stainless Steel, Add	18.05	
			For 316 Stainless Steel, Add	20.68	
05 59 69 00-0055	SF		0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels.....	16.56	5.74
			For Up To 2, Add	4.84	
			For >2 To 6, Add	2.81	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.34	
			For Galvanized, Add	3.92	
			For Aluminum, Add	5.34	
			For 304 Stainless Steel, Add	21.36	
			For 316 Stainless Steel, Add	24.48	
05 59 69 00-0056	SF		0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels.....	19.03	6.42
			For Up To 2, Add	5.52	
			For >2 To 6, Add	3.19	
			For >15 To 40, Deduct	-0.52	
			For >40, Deduct	-1.57	
			For Galvanized, Add	4.61	
			For Aluminum, Add	6.29	
			For 304 Stainless Steel, Add	25.15	
			For 316 Stainless Steel, Add	28.82	
05 59 69 00-0057	SF		0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels.....	21.65	7.09
			For Up To 2, Add	6.22	
			For >2 To 6, Add	3.58	
			For >15 To 40, Deduct	-0.61	
			For >40, Deduct	-1.83	
			For Galvanized, Add	5.36	
			For Aluminum, Add	7.31	
			For 304 Stainless Steel, Add	29.26	
			For 316 Stainless Steel, Add	33.52	
05 59 69 00-0058	SF		0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels.....	24.23	7.71
			For Up To 2, Add	6.90	
			For >2 To 6, Add	3.97	
			For >15 To 40, Deduct	-0.70	
			For >40, Deduct	-2.09	
			For Galvanized, Add	6.14	
			For Aluminum, Add	8.37	
			For 304 Stainless Steel, Add	33.48	
			For 316 Stainless Steel, Add	38.36	
05 59 69 00-0059	SF		0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels.....	27.61	8.53
			For Up To 2, Add	7.80	
			For >2 To 6, Add	4.47	
			For >15 To 40, Deduct	-0.81	
			For >40, Deduct	-2.44	
			For Galvanized, Add	7.15	
			For Aluminum, Add	9.74	
			For 304 Stainless Steel, Add	38.98	
			For 316 Stainless Steel, Add	44.66	
05 59 69 00-0060			1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0061	SF		0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels.....	11.20	4.04
			For Up To 2, Add	3.32	
			For >2 To 6, Add	1.93	
			For >15 To 40, Deduct	-0.29	
			For >40, Deduct	-0.87	
			For Galvanized, Add	2.56	
			For Aluminum, Add	3.49	
			For 304 Stainless Steel, Add	13.94	
			For 316 Stainless Steel, Add	15.98	
05 59 69 00-0062	SF		0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels.....	13.13	4.91
			For Up To 2, Add	3.94	
			For >2 To 6, Add	2.30	
			For >15 To 40, Deduct	-0.33	
			For >40, Deduct	-0.99	
			For Galvanized, Add	2.89	
			For Aluminum, Add	3.94	
			For 304 Stainless Steel, Add	15.77	
			For 316 Stainless Steel, Add	18.07	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0063	SF		0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels.....	15.85	5.82
			For Up To 2, Add	4.72	
			For >2 To 6, Add	2.75	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.22	
			For Galvanized, Add	3.56	
			For Aluminum, Add	4.86	
			For 304 Stainless Steel, Add	19.44	
			For 316 Stainless Steel, Add	22.28	
05 59 69 00-0064	SF		0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels.....	18.26	6.52
			For Up To 2, Add	5.39	
			For >2 To 6, Add	3.13	
			For >15 To 40, Deduct	-0.48	
			For >40, Deduct	-1.44	
			For Galvanized, Add	4.21	
			For Aluminum, Add	5.74	
			For 304 Stainless Steel, Add	22.97	
			For 316 Stainless Steel, Add	26.32	
05 59 69 00-0065	SF		0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels.....	20.96	7.28
			For Up To 2, Add	6.13	
			For >2 To 6, Add	3.55	
			For >15 To 40, Deduct	-0.56	
			For >40, Deduct	-1.69	
			For Galvanized, Add	4.95	
			For Aluminum, Add	6.75	
			For 304 Stainless Steel, Add	27.00	
			For 316 Stainless Steel, Add	30.94	
05 59 69 00-0066	SF		0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels.....	24.01	8.11
			For Up To 2, Add	6.97	
			For >2 To 6, Add	4.02	
			For >15 To 40, Deduct	-0.66	
			For >40, Deduct	-1.98	
			For Galvanized, Add	5.80	
			For Aluminum, Add	7.91	
			For 304 Stainless Steel, Add	31.66	
			For 316 Stainless Steel, Add	36.27	
05 59 69 00-0067	SF		0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels.....	27.15	8.92
			For Up To 2, Add	7.81	
			For >2 To 6, Add	4.50	
			For >15 To 40, Deduct	-0.76	
			For >40, Deduct	-2.29	
			For Galvanized, Add	6.71	
			For Aluminum, Add	9.16	
			For 304 Stainless Steel, Add	36.62	
			For 316 Stainless Steel, Add	41.97	
05 59 69 00-0068	SF		0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels.....	30.30	9.67
			For Up To 2, Add	8.64	
			For >2 To 6, Add	4.96	
			For >15 To 40, Deduct	-0.87	
			For >40, Deduct	-2.61	
			For Galvanized, Add	7.66	
			For Aluminum, Add	10.45	
			For 304 Stainless Steel, Add	41.78	
			For 316 Stainless Steel, Add	47.88	
05 59 69 00-0069	SF		0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels.....	31.59	10.64
			For Up To 2, Add	9.15	
			For >2 To 6, Add	5.29	
			For >15 To 40, Deduct	-0.87	
			For >40, Deduct	-2.61	
			For Galvanized, Add	7.66	
			For Aluminum, Add	10.45	
			For 304 Stainless Steel, Add	41.78	
			For 316 Stainless Steel, Add	47.88	
05 59 69 00-0070			Expanded Metal Panels (05 59 69) Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0071			Plain Flattened Expanded Metal Diamond Shape Panels (05 59 69 00-0070) Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0072	SF		1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF.....	9.45	3.48
			For Galvanized, Add	2.12	
			For Aluminum, Add	2.89	
			For 304 Stainless Steel, Add	11.54	
			For 316 Stainless Steel, Add	13.23	
05 59 69 00-0073	SF		1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF.....	11.89	3.81
			For Galvanized, Add	2.99	
			For Aluminum, Add	4.08	
			For 304 Stainless Steel, Add	16.32	
			For 316 Stainless Steel, Add	18.70	
05 59 69 00-0074	SF		1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF.....	6.82	2.69
			For Galvanized, Add	1.42	
			For Aluminum, Add	1.94	
			For 304 Stainless Steel, Add	7.75	
			For 316 Stainless Steel, Add	8.88	



	Metals	05	05
	Metal Fabrications	05 50	
	Metal Specialties	05 59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0075 SF 1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF.....	7.45	2.94
For Galvanized, Add	1.56	
For Aluminum, Add	2.12	
For 304 Stainless Steel, Add	8.50	
For 316 Stainless Steel, Add	9.74	
05 59 69 00-0076 SF 1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF.....	8.42	3.48
For Galvanized, Add	1.66	
For Aluminum, Add	2.27	
For 304 Stainless Steel, Add	9.07	
For 316 Stainless Steel, Add	10.40	
05 59 69 00-0077 SF 1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF.....	10.79	4.49
For Galvanized, Add	2.11	
For Aluminum, Add	2.88	
For 304 Stainless Steel, Add	11.52	
For 316 Stainless Steel, Add	13.20	
05 59 69 00-0078 SF 3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF.....	5.94	2.64
For Galvanized, Add	1.06	
For Aluminum, Add	1.45	
For 304 Stainless Steel, Add	5.78	
For 316 Stainless Steel, Add	6.63	
05 59 69 00-0079 SF 3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF.....	6.66	2.83
For Galvanized, Add	1.26	
For Aluminum, Add	1.72	
For 304 Stainless Steel, Add	6.89	
For 316 Stainless Steel, Add	7.89	
05 59 69 00-0080 SF 3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF.....	7.61	3.18
For Galvanized, Add	1.48	
For Aluminum, Add	2.02	
For 304 Stainless Steel, Add	8.06	
For 316 Stainless Steel, Add	9.24	
05 59 69 00-0081 SF 3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF.....	11.99	5.27
For Galvanized, Add	2.19	
For Aluminum, Add	2.98	
For 304 Stainless Steel, Add	11.93	
For 316 Stainless Steel, Add	13.67	
05 59 69 00-0082 SF 1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF.....	6.65	3.23
For Galvanized, Add	1.03	
For Aluminum, Add	1.40	
For 304 Stainless Steel, Add	5.62	
For 316 Stainless Steel, Add	6.44	
05 59 69 00-0083 SF 1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF.....	5.74	2.54
For Galvanized, Add	1.03	
For Aluminum, Add	1.41	
For 304 Stainless Steel, Add	5.64	
For 316 Stainless Steel, Add	6.46	
05 59 69 00-0084 SF 1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF.....	6.61	2.99
For Galvanized, Add	1.16	
For Aluminum, Add	1.58	
For 304 Stainless Steel, Add	6.34	
For 316 Stainless Steel, Add	7.26	
05 59 69 00-0085 SF 1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF.....	10.27	4.04
For Galvanized, Add	2.15	
For Aluminum, Add	2.93	
For 304 Stainless Steel, Add	11.71	
For 316 Stainless Steel, Add	13.42	

05 70 Decorative Metal⁽⁰⁵⁾

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs^(05 70)

05 71 13 Fabricated Metal Spiral Stairs^(05 71)

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units^(05 71 13)

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread^(05 71 13 00-0001)

05 71 13 00-0003 VLF 3'-6" Diameter, Spiral Steel Stair With Rails.....	308.68	46.19
For Galvanized, Add	151.40	
05 71 13 00-0004 VLF 4' Diameter, Spiral Steel Stair With Rails.....	350.61	50.81
For Galvanized, Add	174.29	
05 71 13 00-0005 VLF 4'-6" Diameter, Spiral Steel Stair With Rails.....	387.51	55.44
For Galvanized, Add	193.65	
05 71 13 00-0006 VLF 5' Diameter, Spiral Steel Stair With Rails.....	415.61	60.06
For Galvanized, Add	206.85	

05 73 Decorative Metal Railings^(05 70)

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings^(05 73)

05 73 23 00-0001 Railings; Vertical Square Bars At 6"^(05 73 23)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 Metals**05 70 Decorative Metal****05 73 Decorative Metal Railings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0002 LF Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	68.70	10.16
For Rake Or Angle Railings, Add	9.20	
For Curved Railings, Add	19.19	
For 4" On Center Standards, Add	2.08	
For 4-1/2" On Center Standards, Add	1.67	
For 5" On Center Standards, Add	1.11	
For 5-1/2" On Center Standards, Add	0.56	
For Each Field Bending Of Rails, Add	12.74	
For Galvanized, Add	3.89	
05 73 23 00-0003 LF Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	122.48	13.85
For Rake Or Angle Railings, Add	14.50	
For Curved Railings, Add	39.54	
For 4" On Center Standards, Add	4.96	
For 4-1/2" On Center Standards, Add	3.97	
For 5" On Center Standards, Add	2.65	
For 5-1/2" On Center Standards, Add	1.32	
For Each Field Bending Of Rails, Add	16.58	
05 73 23 00-0004 LF Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	198.02	23.10
For Rake Or Angle Railings, Add	22.34	
For Curved Railings, Add	67.05	
For 4" On Center Standards, Add	8.75	
For 4-1/2" On Center Standards, Add	7.00	
For 5" On Center Standards, Add	4.67	
For 5-1/2" On Center Standards, Add	2.33	
For Each Field Bending Of Rails, Add	22.83	
05 73 23 00-0005 LF Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	215.60	18.47
For Rake Or Angle Railings, Add	22.78	
For Curved Railings, Add	77.32	
For 4" On Center Standards, Add	10.54	
For 4-1/2" On Center Standards, Add	8.43	
For 5" On Center Standards, Add	5.62	
For 5-1/2" On Center Standards, Add	2.81	
For Each Field Bending Of Rails, Add	21.26	
05 73 23 00-0006 LF Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	189.96	28.18
For Rake Or Angle Railings, Add	18.96	
For Curved Railings, Add	71.25	
For 4" On Center Standards, Add	10.02	
For 4-1/2" On Center Standards, Add	8.02	
For 5" On Center Standards, Add	5.34	
For 5-1/2" On Center Standards, Add	2.67	
For Each Field Bending Of Rails, Add	16.59	
05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports (05 73 23)		
05 73 23 00-0008 LF 2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	114.27	4.62
For Rake Or Angle Railings, Add	9.41	
For Curved Railings, Add	48.45	
For 4" On Center Standards, Add	7.34	
For 4-1/2" On Center Standards, Add	5.87	
For 5" On Center Standards, Add	3.91	
For 5-1/2" On Center Standards, Add	1.96	
For Each Field Bending Of Rails, Add	6.61	
05 73 23 00-0009 Plain Handrails (05 73 23)		
05 73 23 00-0010 LF 2" Brass Handrail	46.37	10.04
05 73 23 00-0011 EA 90 Degree Angle For 2" Brass Handrail	100.18	36.53
05 73 23 00-0012 EA End Cap For 2" Brass Handrail	45.57	18.31
05 73 23 00-0013 EA Brass Bracket And Joint For 2" Brass Handrail.....	75.79	36.53
05 73 23 00-0014 LF 2" Stainless Steel Handrail.....	53.90	12.55
05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing (05 73 23)		
Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0372 for painting.		
05 73 23 00-0016 LF Refinish Metal Handrail	9.10	
05 73 23 00-0017 LF Refinish Wrought Iron Balustrade	9.05	
05 73 23 00-0018 Remove And Reinstall Ornamental Railing (05 73 23)		
05 73 23 00-0019 LF Removal And Reinstallation Of Ornamental Handrail And Pickets.....	85.01	
05 75 Decorative Formed Metal (05 70)		
05 75 00 00-0001 Metal Sheets, Installed On Walls (05 75)		
Note: Includes field fabrication (bending) where noted.		
05 75 00 00-0002 Copper Sheets, Installed On Walls (05 75 00 00-0001)		
Note: Includes field fabrication.		
05 75 00 00-0003 SF 0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls.....	18.72	1.82
For >16 To 200, Deduct	-1.07	
For >200 To 500, Deduct	-2.15	
For >500, Deduct	-3.08	



		Metals	05	05
		Decorative Metal	05 70	
		Decorative Formed Metal	05 75	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	23.25	2.03
		For >16 To 200, Deduct	-1.31	
		For >200 To 500, Deduct	-2.63	
		For >500, Deduct	-3.79	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	25.44	2.19
		For >16 To 200, Deduct	-1.44	
		For >200 To 500, Deduct	-2.87	
		For >500, Deduct	-4.14	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	27.44	2.30
		For >16 To 200, Deduct	-1.54	
		For >200 To 500, Deduct	-3.09	
		For >500, Deduct	-4.46	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	31.19	2.40
		For >16 To 200, Deduct	-1.74	
		For >200 To 500, Deduct	-3.48	
		For >500, Deduct	-5.04	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	39.28	2.51
		For >16 To 200, Deduct	-2.15	
		For >200 To 500, Deduct	-4.31	
		For >500, Deduct	-6.27	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	45.87	2.63
		For >16 To 200, Deduct	-2.49	
		For >200 To 500, Deduct	-4.98	
		For >500, Deduct	-7.27	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	55.37	2.84
		For >16 To 200, Deduct	-2.98	
		For >200 To 500, Deduct	-5.96	
		For >500, Deduct	-8.73	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	67.82	3.05
		For >16 To 200, Deduct	-3.62	
		For >200 To 500, Deduct	-7.24	
		For >500, Deduct	-10.63	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	99.03	3.28
		For >16 To 200, Deduct	-5.20	
		For >200 To 500, Deduct	-10.40	
		For >500, Deduct	-15.35	
05 75 00 00-0013		Stainless Steel Sheets, Installed On Walls (05 75 00 00-0001)		
		Note: Includes field fabrication.		
05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	11.62	2.06
		For >16 To 200, Deduct	-0.74	
		For >200 To 500, Deduct	-1.47	
		For >500, Deduct	-2.05	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	13.11	2.22
		For >16 To 200, Deduct	-0.82	
		For >200 To 500, Deduct	-1.64	
		For >500, Deduct	-2.30	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.22	2.33
		For >16 To 200, Deduct	-0.89	
		For >200 To 500, Deduct	-1.77	
		For >500, Deduct	-2.48	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.50	2.44
		For >16 To 200, Deduct	-1.01	
		For >200 To 500, Deduct	-2.02	
		For >500, Deduct	-2.84	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	18.71	2.55
		For >16 To 200, Deduct	-1.13	
		For >200 To 500, Deduct	-2.25	
		For >500, Deduct	-3.19	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	21.50	2.66
		For >16 To 200, Deduct	-1.28	
		For >200 To 500, Deduct	-2.55	
		For >500, Deduct	-3.63	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	30.53	3.11
		For >16 To 200, Deduct	-1.76	
		For >200 To 500, Deduct	-3.52	
		For >500, Deduct	-5.05	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	40.79	3.29
		For >16 To 200, Deduct	-2.29	
		For >200 To 500, Deduct	-4.57	
		For >500, Deduct	-6.61	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	55.57	3.99
		For >16 To 200, Deduct	-3.08	
		For >200 To 500, Deduct	-6.16	
		For >500, Deduct	-8.94	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	91.60	4.29
		For >16 To 200, Deduct	-4.90	
		For >200 To 500, Deduct	-9.80	
		For >500, Deduct	-14.38	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	116.93	4.98
		For >16 To 200, Deduct	-6.22	
		For >200 To 500, Deduct	-12.44	
		For >500, Deduct	-18.29	

05 Metals**05 70 Decorative Metal****05 75 Decorative Formed Metal**

MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
05 75 00 00-0025		Aluminum Sheets, Installed On Walls (05 75 00 00-0001)			
		Note: Includes field fabrication.			
05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	8.36	1.82	
		For >16 To 200, Deduct	-0.55		
		For >200 To 500, Deduct	-1.11		
		For >500, Deduct	-1.53		
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	9.49	2.03	
		For >16 To 200, Deduct	-0.63		
		For >200 To 500, Deduct	-1.25		
		For >500, Deduct	-1.73		
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	10.57	2.19	
		For >16 To 200, Deduct	-0.69		
		For >200 To 500, Deduct	-1.39		
		For >500, Deduct	-1.91		
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	11.68	2.30	
		For >16 To 200, Deduct	-0.76		
		For >200 To 500, Deduct	-1.51		
		For >500, Deduct	-2.10		
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	12.79	2.40	
		For >16 To 200, Deduct	-0.82		
		For >200 To 500, Deduct	-1.64		
		For >500, Deduct	-2.28		
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	14.01	2.51	
		For >16 To 200, Deduct	-0.89		
		For >200 To 500, Deduct	-1.78		
		For >500, Deduct	-2.48		
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	15.49	2.63	
		For >16 To 200, Deduct	-0.97		
		For >200 To 500, Deduct	-1.94		
		For >500, Deduct	-2.72		
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	18.41	3.05	
		For >16 To 200, Deduct	-1.15		
		For >200 To 500, Deduct	-2.30		
		For >500, Deduct	-3.22		
05 75 00 00-0034		Galvanized Steel Sheets, Installed On Walls (05 75 00 00-0001)			
		Note: Includes field fabrication.			
05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	8.38	1.82	
		For >16 To 200, Deduct	-0.56		
		For >200 To 500, Deduct	-1.11		
		For >500, Deduct	-1.53		
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.28	2.03	
		For >16 To 200, Deduct	-0.62		
		For >200 To 500, Deduct	-1.23		
		For >500, Deduct	-1.70		
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.85	2.19	
		For >16 To 200, Deduct	-0.66		
		For >200 To 500, Deduct	-1.31		
		For >500, Deduct	-1.81		
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.46	2.30	
		For >16 To 200, Deduct	-0.70		
		For >200 To 500, Deduct	-1.39		
		For >500, Deduct	-1.91		
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.32	2.40	
		For >16 To 200, Deduct	-0.75		
		For >200 To 500, Deduct	-1.49		
		For >500, Deduct	-2.06		
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.25	2.51	
		For >16 To 200, Deduct	-0.80		
		For >200 To 500, Deduct	-1.60		
		For >500, Deduct	-2.22		
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.78	2.63	
		For >16 To 200, Deduct	-0.89		
		For >200 To 500, Deduct	-1.77		
		For >500, Deduct	-2.46		
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	15.92	2.84	
		For >16 To 200, Deduct	-1.01		
		For >200 To 500, Deduct	-2.02		
		For >500, Deduct	-2.81		
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	18.36	3.28	
		For >16 To 200, Deduct	-1.16		
		For >200 To 500, Deduct	-2.33		
		For >500, Deduct	-3.25		
05 75 00 00-0044		Galvanized Zinc-Plated Steel Sheets, Installed On Walls (05 75 00 00-0001)			
		Note: Includes field fabrication.			
05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	9.25	1.73	
		For >16 To 200, Deduct	-0.63		
		For >200 To 500, Deduct	-1.27		
		For >500, Deduct	-1.73		



		Metals	05	05
		Decorative Metal	05 70	
		Decorative Formed Metal	05 75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0046 SF 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	10.66	1.95
For >16 To 200, Deduct	-0.73	
For >200 To 500, Deduct	-1.46	
For >500, Deduct	-1.99	
05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	12.03	2.17
For >16 To 200, Deduct	-0.82	
For >200 To 500, Deduct	-1.64	
For >500, Deduct	-2.24	
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.23	2.34
For >16 To 200, Deduct	-0.90	
For >200 To 500, Deduct	-1.79	
For >500, Deduct	-2.45	

END OF SECTION 05

05	05	Metals
	05 70	Decorative Metal
	05 75	Decorative Formed Metal



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

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Wood, Plastics, and Composites		06
Maintenance of Wood, Plastics, and Composites		06 01
Maintenance of Finish Carpentry		06 01 20

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites (06)

06 01 20 Maintenance of Finish Carpentry (06 01)

06 01 20 91 Finish Carpentry Restoration (06 01 20)

06 01 20 91-0001 Wood Trim Repair (06 01 20 91)

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork	7.12	
Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.				

06 01 40 Maintenance of Architectural Woodwork (06 01)

06 01 40 91 Architectural Woodwork Restoration (06 01 40)

06 01 40 91-0001 Cabinet Hardware Replacement (06 01 40 91)

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	30.82	
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges	32.84	

06 05 Common Work Results for Wood, Plastics, and Composites (06)

06 05 23 Wood, Plastic, and Composite Fastenings (06 05)

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts (06 05 23)

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	11.92	
For >10 To 50, Deduct			-0.33	
For >50 To 100, Deduct			-0.80	
For >100 To 250, Deduct			-1.59	
For >250 To 500, Deduct			-2.72	
For >500, Deduct			-3.84	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	16.32	
For >10 To 50, Deduct			-0.36	
For >50 To 100, Deduct			-0.94	
For >100 To 250, Deduct			-1.89	
For >250 To 500, Deduct			-3.19	
For >500, Deduct			-4.49	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	18.18	
For >10 To 50, Deduct			-0.36	
For >50 To 100, Deduct			-0.99	
For >100 To 250, Deduct			-1.98	
For >250 To 500, Deduct			-3.33	
For >500, Deduct			-4.68	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	37.03	
For >10 To 50, Deduct			-0.49	
For >50 To 100, Deduct			-1.66	
For >100 To 250, Deduct			-3.32	
For >250 To 500, Deduct			-5.47	
For >500, Deduct			-7.62	

06 05 23 00-0006 Framing Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2" Galvanized Framing Angle Anchor (Simpson A34)	6.08	2.78
For >10 To 50, Deduct			-0.27	
For >50 To 100, Deduct			-0.55	
For >100 To 250, Deduct			-1.10	
For >250 To 500, Deduct			-1.91	
For >500, Deduct			-2.73	

06 05 23 00-0008 Hold Down Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0009	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Hold Downs (Simpson Strong Tie® HD3B)	39.86	
For >10 To 50, Deduct			-1.44	
For >50 To 100, Deduct			-3.16	
For >100 To 250, Deduct			-6.31	
For >250 To 500, Deduct			-10.90	
For >500, Deduct			-15.50	
06 05 23 00-0010	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs (Simpson Strong Tie® HD5B)	56.30	
For >10 To 50, Deduct			-1.44	
For >50 To 100, Deduct			-3.57	
For >100 To 250, Deduct			-7.13	
For >250 To 500, Deduct			-12.14	
For >500, Deduct			-17.14	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0011 EA 12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs (Simpson Strong Tie® HD7B)	63.94	
For >10 To 50, Deduct	-1.58	
For >50 To 100, Deduct	-3.97	
For >100 To 250, Deduct	-7.93	
For >250 To 500, Deduct	-13.48	
For >500, Deduct	-19.03	
06 05 23 00-0012 EA 14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Hold Downs (Simpson Strong Tie® HD9B)	78.31	
For >10 To 50, Deduct	-1.76	
For >50 To 100, Deduct	-4.60	
For >100 To 250, Deduct	-9.21	
For >250 To 500, Deduct	-15.58	
For >500, Deduct	-21.94	
06 05 23 00-0013 EA 20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs (Simpson Strong Tie® HD12).....	156.47	
For >10 To 50, Deduct	-2.23	
For >50 To 100, Deduct	-7.25	
For >100 To 250, Deduct	-14.51	
For >250 To 500, Deduct	-23.99	
For >500, Deduct	-33.48	
06 05 23 00-0014 EA 24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs (Simpson Strong Tie® HD19).....	180.29	
For >10 To 50, Deduct	-2.32	
For >50 To 100, Deduct	-7.99	
For >100 To 250, Deduct	-15.98	
For >250 To 500, Deduct	-26.29	
For >500, Deduct	-36.60	
06 05 23 00-0015 Joist And Beam Hangers (06 05 23)		
Note: Including nails.		
06 05 23 00-0016 EA 18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers.....	6.11	2.60
For >10 To 50, Deduct	-0.27	
For >50 To 100, Deduct	-0.55	
For >100 To 250, Deduct	-1.10	
For >250 To 500, Deduct	-1.92	
For >500, Deduct	-2.73	
06 05 23 00-0017 EA 18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers	7.09	2.60
For >10 To 50, Deduct	-0.28	
For >50 To 100, Deduct	-0.60	
For >100 To 250, Deduct	-1.20	
For >250 To 500, Deduct	-2.08	
For >500, Deduct	-2.96	
06 05 23 00-0018 EA 16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers	9.39	2.60
For >10 To 50, Deduct	-0.29	
For >50 To 100, Deduct	-0.67	
For >100 To 250, Deduct	-1.34	
For >250 To 500, Deduct	-2.30	
For >500, Deduct	-3.26	
06 05 23 00-0019 EA 16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers	9.62	2.60
For >10 To 50, Deduct	-0.29	
For >50 To 100, Deduct	-0.68	
For >100 To 250, Deduct	-1.35	
For >250 To 500, Deduct	-2.32	
For >500, Deduct	-3.29	
06 05 23 00-0020 EA 14 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers	9.66	2.69
For >10 To 50, Deduct	-0.30	
For >50 To 100, Deduct	-0.69	
For >100 To 250, Deduct	-1.38	
For >250 To 500, Deduct	-2.37	
For >500, Deduct	-3.36	
06 05 23 00-0021 EA 14 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers	10.27	2.69
For >10 To 50, Deduct	-0.30	
For >50 To 100, Deduct	-0.71	
For >100 To 250, Deduct	-1.41	
For >250 To 500, Deduct	-2.42	
For >500, Deduct	-3.42	
06 05 23 00-0022 Anchor And Ties (06 05 23)		
Note: Including nails.		
06 05 23 00-0023 EA Pre-Deflected Hold Down With SDS Screws (Simpson Strong Tie® PHD5-SDS).....	39.33	
06 05 23 00-0024 EA 12-3/8" Heavy Tension Tie (Simpson Strong Tie® HTT4)	25.39	
06 05 23 00-0025 EA 16" Heavy Tension Tie (Simpson Strong Tie® HTT5).....	37.00	
06 05 23 00-0026 EA 2" x 4" Or 2" x 6" MudSill Anchor 16 Gauge Zinc Galvanized Finish (Simpson Strong Tie® MAS)	3.47	
06 05 23 00-0027 Hurricane Clips (06 05 23)		
06 05 23 00-0028 EA 18 Gauge Zinc Galvanized Finish Hurricane Clips (Simpson Strong Tie® H2.5A)	2.55	
06 05 23 00-0029 EA 18 Gauge Stainless Steel Hurricane Clips (Simpson Strong Tie® H2.5SS)	6.33	
06 05 23 00-0030 EA Hurricane Strap (Simpson Strong Tie® H6).....	10.13	
06 05 23 00-0031 Post Framing (06 05 23)		
Note: Including nails.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0032	EA	16 Gauge Post Framing With 4" x 4" Base	13.00	3.25
		For >10 To 50, Deduct	-0.36	
		For >50 To 100, Deduct	-0.86	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.94	
		For >500, Deduct	-4.16	
06 05 23 00-0033	EA	16 Gauge Post Framing With 4" x 4" Cap	10.69	3.25
		For >10 To 50, Deduct	-0.36	
		For >50 To 100, Deduct	-0.80	
		For >100 To 250, Deduct	-1.61	
		For >250 To 500, Deduct	-2.77	
		For >500, Deduct	-3.93	
06 05 23 00-0034		Rafter Anchors (06 05 23)		
06 05 23 00-0035	EA	1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	6.82	2.88
		For >10 To 50, Deduct	-0.32	
		For >50 To 100, Deduct	-0.65	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-2.27	
		For >500, Deduct	-3.24	
06 05 23 00-0036	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	7.07	2.88
		For >10 To 50, Deduct	-0.32	
		For >50 To 100, Deduct	-0.66	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-2.29	
		For >500, Deduct	-3.27	
06 05 23 00-0037	EA	Galvanized Rigid Rafter Connector, For 2" x 6"	8.58	2.88
		For >10 To 50, Deduct	-0.32	
		For >50 To 100, Deduct	-0.69	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-2.40	
		For >500, Deduct	-3.42	
06 05 23 00-0038		Bolts And Fasteners (06 05 23)		
06 05 23 00-0039		Carriage Bolts (06 05 23 00-0038)		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0040		Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0039)		
06 05 23 00-0041	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.46	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.22	
		For >100 To 250, Deduct	-2.43	
		For >250 To 500, Deduct	-4.25	
		For >500, Deduct	-6.07	
06 05 23 00-0042	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.63	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.22	
		For >100 To 250, Deduct	-2.44	
		For >250 To 500, Deduct	-4.27	
		For >500, Deduct	-6.09	
06 05 23 00-0043	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.73	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.22	
		For >100 To 250, Deduct	-2.45	
		For >250 To 500, Deduct	-4.27	
		For >500, Deduct	-6.10	
06 05 23 00-0044	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.90	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.42	
		For >100 To 250, Deduct	-2.83	
		For >250 To 500, Deduct	-4.95	
		For >500, Deduct	-7.06	
06 05 23 00-0045	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.84	
		For >10 To 50, Deduct	-0.65	
		For >50 To 100, Deduct	-1.32	
		For >100 To 250, Deduct	-2.64	
		For >250 To 500, Deduct	-4.61	
		For >500, Deduct	-6.58	
06 05 23 00-0046	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.05	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.42	
		For >100 To 250, Deduct	-2.84	
		For >250 To 500, Deduct	-4.96	
		For >500, Deduct	-7.08	
06 05 23 00-0047	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.32	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.43	
		For >100 To 250, Deduct	-2.86	
		For >250 To 500, Deduct	-4.98	
		For >500, Deduct	-7.10	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0048 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.30	
For >10 To 50, Deduct	-0.84	
For >50 To 100, Deduct	-1.71	
For >100 To 250, Deduct	-3.42	
For >250 To 500, Deduct	-5.97	
For >500, Deduct	-8.51	
06 05 23 00-0049 EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.05	
For >10 To 50, Deduct	-0.88	
For >50 To 100, Deduct	-1.83	
For >100 To 250, Deduct	-3.65	
For >250 To 500, Deduct	-6.36	
For >500, Deduct	-9.07	
06 05 23 00-0050 EA 3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.72	
For >10 To 50, Deduct	-0.98	
For >50 To 100, Deduct	-2.03	
For >100 To 250, Deduct	-4.06	
For >250 To 500, Deduct	-7.07	
For >500, Deduct	-10.07	
06 05 23 00-0051 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.63	
For >10 To 50, Deduct	-0.70	
For >50 To 100, Deduct	-1.44	
For >100 To 250, Deduct	-2.87	
For >250 To 500, Deduct	-5.00	
For >500, Deduct	-7.14	
06 05 23 00-0052 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.26	
For >10 To 50, Deduct	-0.74	
For >50 To 100, Deduct	-1.55	
For >100 To 250, Deduct	-3.09	
For >250 To 500, Deduct	-5.38	
For >500, Deduct	-7.67	
06 05 23 00-0053 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.41	
For >10 To 50, Deduct	-0.79	
For >50 To 100, Deduct	-1.64	
For >100 To 250, Deduct	-3.29	
For >250 To 500, Deduct	-5.72	
For >500, Deduct	-8.15	
06 05 23 00-0054 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.67	
For >10 To 50, Deduct	-0.88	
For >50 To 100, Deduct	-1.84	
For >100 To 250, Deduct	-3.68	
For >250 To 500, Deduct	-6.40	
For >500, Deduct	-9.13	
06 05 23 00-0055 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.39	
For >10 To 50, Deduct	-1.02	
For >50 To 100, Deduct	-2.14	
For >100 To 250, Deduct	-4.28	
For >250 To 500, Deduct	-7.45	
For >500, Deduct	-10.61	
06 05 23 00-0056 EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.52	
For >10 To 50, Deduct	-1.11	
For >50 To 100, Deduct	-2.36	
For >100 To 250, Deduct	-4.72	
For >250 To 500, Deduct	-8.19	
For >500, Deduct	-11.66	
06 05 23 00-0057 EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.11	
For >10 To 50, Deduct	-0.84	
For >50 To 100, Deduct	-1.81	
For >100 To 250, Deduct	-3.61	
For >250 To 500, Deduct	-6.25	
For >500, Deduct	-8.90	
06 05 23 00-0058 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.14	
For >10 To 50, Deduct	-0.88	
For >50 To 100, Deduct	-1.93	
For >100 To 250, Deduct	-3.85	
For >250 To 500, Deduct	-6.66	
For >500, Deduct	-9.47	
06 05 23 00-0059 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.16	
For >10 To 50, Deduct	-1.02	
For >50 To 100, Deduct	-2.26	
For >100 To 250, Deduct	-4.52	
For >250 To 500, Deduct	-7.81	
For >500, Deduct	-11.09	
06 05 23 00-0060 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.32	
For >10 To 50, Deduct	-1.07	
For >50 To 100, Deduct	-2.44	
For >100 To 250, Deduct	-4.87	
For >250 To 500, Deduct	-8.37	
For >500, Deduct	-11.88	
06 05 23 00-0061 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	36.17	
For >10 To 50, Deduct	-1.16	
For >50 To 100, Deduct	-2.65	
For >100 To 250, Deduct	-5.29	
For >250 To 500, Deduct	-9.10	
For >500, Deduct	-12.90	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0062	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	36.73	
		For >10 To 50, Deduct	-1.21	
		For >50 To 100, Deduct	-2.73	
		For >100 To 250, Deduct	-5.46	
		For >250 To 500, Deduct	-9.40	
		For >500, Deduct	-13.33	
06 05 23 00-0063		Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0039)		
06 05 23 00-0064	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.76	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.22	
		For >100 To 250, Deduct	-2.45	
		For >250 To 500, Deduct	-4.28	
		For >500, Deduct	-6.10	
06 05 23 00-0065	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.08	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.23	
		For >100 To 250, Deduct	-2.46	
		For >250 To 500, Deduct	-4.30	
		For >500, Deduct	-6.14	
06 05 23 00-0066	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.43	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.24	
		For >100 To 250, Deduct	-2.48	
		For >250 To 500, Deduct	-4.33	
		For >500, Deduct	-6.17	
06 05 23 00-0067	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.08	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.45	
		For >100 To 250, Deduct	-2.89	
		For >250 To 500, Deduct	-5.04	
		For >500, Deduct	-7.18	
06 05 23 00-0068	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.27	
		For >10 To 50, Deduct	-0.65	
		For >50 To 100, Deduct	-1.33	
		For >100 To 250, Deduct	-2.66	
		For >250 To 500, Deduct	-4.65	
		For >500, Deduct	-6.63	
06 05 23 00-0069	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.71	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.44	
		For >100 To 250, Deduct	-2.88	
		For >250 To 500, Deduct	-5.01	
		For >500, Deduct	-7.14	
06 05 23 00-0070	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.10	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.45	
		For >100 To 250, Deduct	-2.89	
		For >250 To 500, Deduct	-5.04	
		For >500, Deduct	-7.18	
06 05 23 00-0071	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.48	
		For >10 To 50, Deduct	-0.84	
		For >50 To 100, Deduct	-1.74	
		For >100 To 250, Deduct	-3.48	
		For >250 To 500, Deduct	-6.06	
		For >500, Deduct	-8.63	
06 05 23 00-0072	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.38	
		For >10 To 50, Deduct	-0.88	
		For >50 To 100, Deduct	-1.86	
		For >100 To 250, Deduct	-3.72	
		For >250 To 500, Deduct	-6.46	
		For >500, Deduct	-9.20	
06 05 23 00-0073	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.95	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.06	
		For >100 To 250, Deduct	-4.12	
		For >250 To 500, Deduct	-7.16	
		For >500, Deduct	-10.20	
06 05 23 00-0074	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.62	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.46	
		For >100 To 250, Deduct	-2.92	
		For >250 To 500, Deduct	-5.08	
		For >500, Deduct	-7.23	
06 05 23 00-0075	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.04	
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-1.57	
		For >100 To 250, Deduct	-3.13	
		For >250 To 500, Deduct	-5.44	
		For >500, Deduct	-7.75	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0076	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	19.34	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.67	
			For >100 To 250, Deduct	-3.33	
			For >250 To 500, Deduct	-5.79	
			For >500, Deduct	-8.25	
06 05 23 00-0077	EA		1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	22.01	
			For >10 To 50, Deduct	-0.88	
			For >50 To 100, Deduct	-1.87	
			For >100 To 250, Deduct	-3.75	
			For >250 To 500, Deduct	-6.50	
			For >500, Deduct	-9.26	
06 05 23 00-0078	EA		1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	25.71	
			For >10 To 50, Deduct	-1.02	
			For >50 To 100, Deduct	-2.18	
			For >100 To 250, Deduct	-4.35	
			For >250 To 500, Deduct	-7.55	
			For >500, Deduct	-10.74	
06 05 23 00-0079	EA		1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	28.53	
			For >10 To 50, Deduct	-1.11	
			For >50 To 100, Deduct	-2.38	
			For >100 To 250, Deduct	-4.77	
			For >250 To 500, Deduct	-8.27	
			For >500, Deduct	-11.77	
06 05 23 00-0080	EA		3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	25.10	
			For >10 To 50, Deduct	-0.84	
			For >50 To 100, Deduct	-1.88	
			For >100 To 250, Deduct	-3.76	
			For >250 To 500, Deduct	-6.48	
			For >500, Deduct	-9.19	
06 05 23 00-0081	EA		3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	26.23	
			For >10 To 50, Deduct	-0.88	
			For >50 To 100, Deduct	-1.98	
			For >100 To 250, Deduct	-3.96	
			For >250 To 500, Deduct	-6.82	
			For >500, Deduct	-9.68	
06 05 23 00-0082	EA		3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	30.65	
			For >10 To 50, Deduct	-1.02	
			For >50 To 100, Deduct	-2.30	
			For >100 To 250, Deduct	-4.60	
			For >250 To 500, Deduct	-7.92	
			For >500, Deduct	-11.24	
06 05 23 00-0083	EA		3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	33.20	
			For >10 To 50, Deduct	-1.07	
			For >50 To 100, Deduct	-2.43	
			For >100 To 250, Deduct	-4.86	
			For >250 To 500, Deduct	-8.36	
			For >500, Deduct	-11.86	
06 05 23 00-0084	EA		3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	38.09	
			For >10 To 50, Deduct	-1.16	
			For >50 To 100, Deduct	-2.69	
			For >100 To 250, Deduct	-5.39	
			For >250 To 500, Deduct	-9.24	
			For >500, Deduct	-13.09	
06 05 23 00-0085	EA		3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt.....	40.75	
			For >10 To 50, Deduct	-1.21	
			For >50 To 100, Deduct	-2.83	
			For >100 To 250, Deduct	-5.66	
			For >250 To 500, Deduct	-9.70	
			For >500, Deduct	-13.74	
06 05 23 00-0086			304/18-8 Stainless Steel, Carriage Bolts (06 05 23 00-0039)		
06 05 23 00-0087	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	13.44	
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.24	
			For >100 To 250, Deduct	-2.48	
			For >250 To 500, Deduct	-4.33	
			For >500, Deduct	-6.17	
06 05 23 00-0088	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	14.94	
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.28	
			For >100 To 250, Deduct	-2.56	
			For >250 To 500, Deduct	-4.44	
			For >500, Deduct	-6.32	
06 05 23 00-0089	EA		1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	15.93	
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.30	
			For >100 To 250, Deduct	-2.61	
			For >250 To 500, Deduct	-4.51	
			For >500, Deduct	-6.42	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0090	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	28.37	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.75	
		For >100 To 250, Deduct	-3.51	
		For >250 To 500, Deduct	-5.96	
		For >500, Deduct	-8.41	
06 05 23 00-0091	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	15.76	
		For >10 To 50, Deduct	-0.65	
		For >50 To 100, Deduct	-1.37	
		For >100 To 250, Deduct	-2.74	
		For >250 To 500, Deduct	-4.76	
		For >500, Deduct	-6.78	
06 05 23 00-0092	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	18.87	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.52	
		For >100 To 250, Deduct	-3.03	
		For >250 To 500, Deduct	-5.25	
		For >500, Deduct	-7.46	
06 05 23 00-0093	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	19.34	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.53	
		For >100 To 250, Deduct	-3.06	
		For >250 To 500, Deduct	-5.28	
		For >500, Deduct	-7.51	
06 05 23 00-0094	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	37.79	
		For >10 To 50, Deduct	-0.84	
		For >50 To 100, Deduct	-2.20	
		For >100 To 250, Deduct	-4.40	
		For >250 To 500, Deduct	-7.43	
		For >500, Deduct	-10.46	
06 05 23 00-0095	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	46.55	
		For >10 To 50, Deduct	-0.88	
		For >50 To 100, Deduct	-2.49	
		For >100 To 250, Deduct	-4.98	
		For >250 To 500, Deduct	-8.35	
		For >500, Deduct	-11.72	
06 05 23 00-0096	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	52.20	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.77	
		For >100 To 250, Deduct	-5.54	
		For >250 To 500, Deduct	-9.28	
		For >500, Deduct	-13.02	
06 05 23 00-0097	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	20.63	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.56	
		For >100 To 250, Deduct	-3.12	
		For >250 To 500, Deduct	-5.38	
		For >500, Deduct	-7.64	
06 05 23 00-0098	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	23.65	
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-1.71	
		For >100 To 250, Deduct	-3.41	
		For >250 To 500, Deduct	-5.86	
		For >500, Deduct	-8.31	
06 05 23 00-0099	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	29.13	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.91	
		For >100 To 250, Deduct	-3.82	
		For >250 To 500, Deduct	-6.52	
		For >500, Deduct	-9.23	
06 05 23 00-0100	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	47.93	
		For >10 To 50, Deduct	-0.88	
		For >50 To 100, Deduct	-2.52	
		For >100 To 250, Deduct	-5.04	
		For >250 To 500, Deduct	-8.45	
		For >500, Deduct	-11.85	
06 05 23 00-0101	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	54.03	
		For >10 To 50, Deduct	-1.02	
		For >50 To 100, Deduct	-2.88	
		For >100 To 250, Deduct	-5.77	
		For >250 To 500, Deduct	-9.67	
		For >500, Deduct	-13.58	
06 05 23 00-0102	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	86.92	
		For >10 To 50, Deduct	-1.11	
		For >50 To 100, Deduct	-3.84	
		For >100 To 250, Deduct	-7.69	
		For >250 To 500, Deduct	-12.65	
		For >500, Deduct	-17.60	
06 05 23 00-0103	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	67.44	
		For >10 To 50, Deduct	-0.88	
		For >50 To 100, Deduct	-3.01	
		For >100 To 250, Deduct	-6.02	
		For >250 To 500, Deduct	-9.91	
		For >500, Deduct	-13.80	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0104	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	96.47	
		For >10 To 50, Deduct	-1.02	
		For >50 To 100, Deduct	-3.94	
		For >100 To 250, Deduct	-7.89	
		For >250 To 500, Deduct	-12.85	
		For >500, Deduct	-17.82	
06 05 23 00-0105	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	107.18	
		For >10 To 50, Deduct	-1.07	
		For >50 To 100, Deduct	-4.28	
		For >100 To 250, Deduct	-8.56	
		For >250 To 500, Deduct	-13.91	
		For >500, Deduct	-19.26	
06 05 23 00-0106	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	159.98	
		For >10 To 50, Deduct	-1.16	
		For >50 To 100, Deduct	-5.74	
		For >100 To 250, Deduct	-11.48	
		For >250 To 500, Deduct	-18.38	
		For >500, Deduct	-25.28	
06 05 23 00-0107	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	168.36	
		For >10 To 50, Deduct	-1.21	
		For >50 To 100, Deduct	-6.02	
		For >100 To 250, Deduct	-12.04	
		For >250 To 500, Deduct	-19.27	
		For >500, Deduct	-26.50	
06 05 23 00-0108		316 Stainless Steel, Carriage Bolts (06 05 23 00-0039)		
06 05 23 00-0109	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	20.38	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.41	
		For >100 To 250, Deduct	-2.83	
		For >250 To 500, Deduct	-4.85	
		For >500, Deduct	-6.87	
06 05 23 00-0110	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	23.02	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.48	
		For >100 To 250, Deduct	-2.96	
		For >250 To 500, Deduct	-5.05	
		For >500, Deduct	-7.13	
06 05 23 00-0111	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	24.84	
		For >10 To 50, Deduct	-0.65	
		For >50 To 100, Deduct	-1.60	
		For >100 To 250, Deduct	-3.19	
		For >250 To 500, Deduct	-5.44	
		For >500, Deduct	-7.68	
06 05 23 00-0112	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	29.43	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-1.78	
		For >100 To 250, Deduct	-3.56	
		For >250 To 500, Deduct	-6.04	
		For >500, Deduct	-8.52	
06 05 23 00-0113	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	41.16	
		For >10 To 50, Deduct	-0.70	
		For >50 To 100, Deduct	-2.07	
		For >100 To 250, Deduct	-4.15	
		For >250 To 500, Deduct	-6.92	
		For >500, Deduct	-9.69	
06 05 23 00-0114	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	44.94	
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-2.24	
		For >100 To 250, Deduct	-4.48	
		For >250 To 500, Deduct	-7.46	
		For >500, Deduct	-10.44	
06 05 23 00-0115	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	48.48	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-2.40	
		For >100 To 250, Deduct	-4.79	
		For >250 To 500, Deduct	-7.98	
		For >500, Deduct	-11.16	
06 05 23 00-0116		Hex Lag Bolts (06 05 23 00-0038)		
		Note: Includes drilling of holes in any material.		
06 05 23 00-0117		Zinc Plated Steel, Hex Lag Bolts (06 05 23 00-0116)		
06 05 23 00-0118	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	11.85	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.17	
		For >100 To 250, Deduct	-2.33	
		For >250 To 500, Deduct	-4.08	
		For >500, Deduct	-5.83	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0119	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	11.99	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.17	
		For >100 To 250, Deduct	-2.34	
		For >250 To 500, Deduct	-4.09	
		For >500, Deduct	-5.84	
06 05 23 00-0120	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	12.29	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.18	
		For >100 To 250, Deduct	-2.36	
		For >250 To 500, Deduct	-4.11	
		For >500, Deduct	-5.87	
06 05 23 00-0121	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	13.10	
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.28	
		For >100 To 250, Deduct	-2.55	
		For >250 To 500, Deduct	-4.46	
		For >500, Deduct	-6.37	
06 05 23 00-0122	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.30	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.37	
		For >100 To 250, Deduct	-2.75	
		For >250 To 500, Deduct	-4.80	
		For >500, Deduct	-6.85	
06 05 23 00-0123	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.63	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.38	
		For >100 To 250, Deduct	-2.77	
		For >250 To 500, Deduct	-4.83	
		For >500, Deduct	-6.89	
06 05 23 00-0124	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	18.01	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.67	
		For >100 To 250, Deduct	-3.34	
		For >250 To 500, Deduct	-5.83	
		For >500, Deduct	-8.31	
06 05 23 00-0125	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	19.09	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-1.76	
		For >100 To 250, Deduct	-3.53	
		For >250 To 500, Deduct	-6.15	
		For >500, Deduct	-8.77	
06 05 23 00-0126	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.61	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.39	
		For >100 To 250, Deduct	-2.78	
		For >250 To 500, Deduct	-4.85	
		For >500, Deduct	-6.93	
06 05 23 00-0127	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.99	
		For >10 To 50, Deduct	-0.73	
		For >50 To 100, Deduct	-1.49	
		For >100 To 250, Deduct	-2.98	
		For >250 To 500, Deduct	-5.20	
		For >500, Deduct	-7.42	
06 05 23 00-0128	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.52	
		For >10 To 50, Deduct	-0.77	
		For >50 To 100, Deduct	-1.60	
		For >100 To 250, Deduct	-3.20	
		For >250 To 500, Deduct	-5.57	
		For >500, Deduct	-7.94	
06 05 23 00-0129	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.03	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-1.80	
		For >100 To 250, Deduct	-3.60	
		For >250 To 500, Deduct	-6.26	
		For >500, Deduct	-8.92	
06 05 23 00-0130	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	23.72	
		For >10 To 50, Deduct	-1.00	
		For >50 To 100, Deduct	-2.10	
		For >100 To 250, Deduct	-4.19	
		For >250 To 500, Deduct	-7.29	
		For >500, Deduct	-10.38	
06 05 23 00-0131	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	25.89	
		For >10 To 50, Deduct	-1.09	
		For >50 To 100, Deduct	-2.29	
		For >100 To 250, Deduct	-4.57	
		For >250 To 500, Deduct	-7.95	
		For >500, Deduct	-11.33	
06 05 23 00-0132	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	22.03	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-1.85	
		For >100 To 250, Deduct	-3.70	
		For >250 To 500, Deduct	-6.41	
		For >500, Deduct	-9.12	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0133	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	26.49	
		For >10 To 50, Deduct	-1.00	
		For >50 To 100, Deduct	-2.16	
		For >100 To 250, Deduct	-4.33	
		For >250 To 500, Deduct	-7.50	
		For >500, Deduct	-10.66	
06 05 23 00-0134	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	29.67	
		For >10 To 50, Deduct	-1.05	
		For >50 To 100, Deduct	-2.31	
		For >100 To 250, Deduct	-4.62	
		For >250 To 500, Deduct	-7.98	
		For >500, Deduct	-11.34	
06 05 23 00-0135	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	33.58	
		For >10 To 50, Deduct	-1.14	
		For >50 To 100, Deduct	-2.55	
		For >100 To 250, Deduct	-5.09	
		For >250 To 500, Deduct	-8.78	
		For >500, Deduct	-12.46	
06 05 23 00-0136	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	38.14	
		For >10 To 50, Deduct	-1.18	
		For >50 To 100, Deduct	-2.73	
		For >100 To 250, Deduct	-5.46	
		For >250 To 500, Deduct	-9.37	
		For >500, Deduct	-13.28	
06 05 23 00-0137		Hot Dipped Galvanized Steel, Hex Lag Bolts (06 05 23 00-0116)		
06 05 23 00-0138	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	11.92	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.17	
		For >100 To 250, Deduct	-2.34	
		For >250 To 500, Deduct	-4.09	
		For >500, Deduct	-5.84	
06 05 23 00-0139	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.14	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.17	
		For >100 To 250, Deduct	-2.35	
		For >250 To 500, Deduct	-4.10	
		For >500, Deduct	-5.86	
06 05 23 00-0140	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.37	
		For >10 To 50, Deduct	-0.58	
		For >50 To 100, Deduct	-1.18	
		For >100 To 250, Deduct	-2.36	
		For >250 To 500, Deduct	-4.12	
		For >500, Deduct	-5.88	
06 05 23 00-0141	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	13.23	
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.28	
		For >100 To 250, Deduct	-2.56	
		For >250 To 500, Deduct	-4.47	
		For >500, Deduct	-6.38	
06 05 23 00-0142	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.49	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.38	
		For >100 To 250, Deduct	-2.76	
		For >250 To 500, Deduct	-4.82	
		For >500, Deduct	-6.87	
06 05 23 00-0143	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.86	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.39	
		For >100 To 250, Deduct	-2.78	
		For >250 To 500, Deduct	-4.84	
		For >500, Deduct	-6.91	
06 05 23 00-0144	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.46	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.68	
		For >100 To 250, Deduct	-3.36	
		For >250 To 500, Deduct	-5.86	
		For >500, Deduct	-8.35	
06 05 23 00-0145	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.84	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-1.78	
		For >100 To 250, Deduct	-3.57	
		For >250 To 500, Deduct	-6.21	
		For >500, Deduct	-8.85	
06 05 23 00-0146	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.95	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.40	
		For >100 To 250, Deduct	-2.80	
		For >250 To 500, Deduct	-4.88	
		For >500, Deduct	-6.96	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0147	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.17		
		For >10 To 50, Deduct	-0.73		
		For >50 To 100, Deduct	-1.50		
		For >100 To 250, Deduct	-2.99		
		For >250 To 500, Deduct	-5.22		
		For >500, Deduct	-7.44		
06 05 23 00-0148	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.85		
		For >10 To 50, Deduct	-0.77		
		For >50 To 100, Deduct	-1.61		
		For >100 To 250, Deduct	-3.21		
		For >250 To 500, Deduct	-5.60		
		For >500, Deduct	-7.98		
06 05 23 00-0149	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.05		
		For >10 To 50, Deduct	-0.86		
		For >50 To 100, Deduct	-1.82		
		For >100 To 250, Deduct	-3.65		
		For >250 To 500, Deduct	-6.33		
		For >500, Deduct	-9.02		
06 05 23 00-0150	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	24.21		
		For >10 To 50, Deduct	-1.00		
		For >50 To 100, Deduct	-2.11		
		For >100 To 250, Deduct	-4.22		
		For >250 To 500, Deduct	-7.32		
		For >500, Deduct	-10.43		
06 05 23 00-0151	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	27.10		
		For >10 To 50, Deduct	-1.09		
		For >50 To 100, Deduct	-2.32		
		For >100 To 250, Deduct	-4.63		
		For >250 To 500, Deduct	-8.04		
		For >500, Deduct	-11.45		
06 05 23 00-0152	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	22.78		
		For >10 To 50, Deduct	-0.86		
		For >50 To 100, Deduct	-1.87		
		For >100 To 250, Deduct	-3.73		
		For >250 To 500, Deduct	-6.46		
		For >500, Deduct	-9.19		
06 05 23 00-0153	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	27.17		
		For >10 To 50, Deduct	-1.00		
		For >50 To 100, Deduct	-2.18		
		For >100 To 250, Deduct	-4.36		
		For >250 To 500, Deduct	-7.55		
		For >500, Deduct	-10.73		
06 05 23 00-0154	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	30.80		
		For >10 To 50, Deduct	-1.05		
		For >50 To 100, Deduct	-2.34		
		For >100 To 250, Deduct	-4.68		
		For >250 To 500, Deduct	-8.07		
		For >500, Deduct	-11.45		
06 05 23 00-0155	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	36.26		
		For >10 To 50, Deduct	-1.14		
		For >50 To 100, Deduct	-2.61		
		For >100 To 250, Deduct	-5.23		
		For >250 To 500, Deduct	-8.98		
		For >500, Deduct	-12.73		
06 05 23 00-0156	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	41.01		
		For >10 To 50, Deduct	-1.18		
		For >50 To 100, Deduct	-2.80		
		For >100 To 250, Deduct	-5.60		
		For >250 To 500, Deduct	-9.58		
		For >500, Deduct	-13.57		
06 05 23 00-0157		304/18-8 Stainless Steel, Hex Lag Bolts (06 05 23 00-0116)			
06 05 23 00-0158	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	12.55		
		For >10 To 50, Deduct	-0.58		
		For >50 To 100, Deduct	-1.18		
		For >100 To 250, Deduct	-2.37		
		For >250 To 500, Deduct	-4.13		
		For >500, Deduct	-5.90		
06 05 23 00-0159	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	13.26		
		For >10 To 50, Deduct	-0.58		
		For >50 To 100, Deduct	-1.20		
		For >100 To 250, Deduct	-2.40		
		For >250 To 500, Deduct	-4.19		
		For >500, Deduct	-5.97		
06 05 23 00-0160	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.17		
		For >10 To 50, Deduct	-0.58		
		For >50 To 100, Deduct	-1.25		
		For >100 To 250, Deduct	-2.50		
		For >250 To 500, Deduct	-4.33		
		For >500, Deduct	-6.16		

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0161 EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.06	
For >10 To 50, Deduct	-0.63	
For >50 To 100, Deduct	-1.33	
For >100 To 250, Deduct	-2.65	
For >250 To 500, Deduct	-4.61	
For >500, Deduct	-6.57	
06 05 23 00-0162 EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	17.04	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-1.44	
For >100 To 250, Deduct	-2.89	
For >250 To 500, Deduct	-5.01	
For >500, Deduct	-7.13	
06 05 23 00-0163 EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.26	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-1.47	
For >100 To 250, Deduct	-2.95	
For >250 To 500, Deduct	-5.10	
For >500, Deduct	-7.25	
06 05 23 00-0164 EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	38.00	
For >10 To 50, Deduct	-0.81	
For >50 To 100, Deduct	-2.17	
For >100 To 250, Deduct	-4.34	
For >250 To 500, Deduct	-7.32	
For >500, Deduct	-10.31	
06 05 23 00-0165 EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	53.79	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-2.63	
For >100 To 250, Deduct	-5.26	
For >250 To 500, Deduct	-8.75	
For >500, Deduct	-12.24	
06 05 23 00-0166 EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.40	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-1.48	
For >100 To 250, Deduct	-2.97	
For >250 To 500, Deduct	-5.14	
For >500, Deduct	-7.30	
06 05 23 00-0167 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.85	
For >10 To 50, Deduct	-0.73	
For >50 To 100, Deduct	-1.64	
For >100 To 250, Deduct	-3.28	
For >250 To 500, Deduct	-5.64	
For >500, Deduct	-8.01	
06 05 23 00-0168 EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	27.18	
For >10 To 50, Deduct	-0.77	
For >50 To 100, Deduct	-1.84	
For >100 To 250, Deduct	-3.68	
For >250 To 500, Deduct	-6.30	
For >500, Deduct	-8.91	
06 05 23 00-0169 EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	57.38	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-2.73	
For >100 To 250, Deduct	-5.46	
For >250 To 500, Deduct	-9.06	
For >500, Deduct	-12.65	
06 05 23 00-0170 EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	78.36	
For >10 To 50, Deduct	-1.00	
For >50 To 100, Deduct	-3.46	
For >100 To 250, Deduct	-6.92	
For >250 To 500, Deduct	-11.39	
For >500, Deduct	-15.85	
06 05 23 00-0171 EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	91.65	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-3.93	
For >100 To 250, Deduct	-7.86	
For >250 To 500, Deduct	-12.88	
For >500, Deduct	-17.91	
06 05 23 00-0172 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	85.23	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-3.43	
For >100 To 250, Deduct	-6.86	
For >250 To 500, Deduct	-11.15	
For >500, Deduct	-15.44	
06 05 23 00-0173 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	97.42	
For >10 To 50, Deduct	-1.00	
For >50 To 100, Deduct	-3.94	
For >100 To 250, Deduct	-7.88	
For >250 To 500, Deduct	-12.81	
For >500, Deduct	-17.75	
06 05 23 00-0174 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	101.35	
For >10 To 50, Deduct	-1.05	
For >50 To 100, Deduct	-4.10	
For >100 To 250, Deduct	-8.21	
For >250 To 500, Deduct	-13.36	
For >500, Deduct	-18.51	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0175	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	140.90	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-5.23	
			For >100 To 250, Deduct	-10.46	
			For >250 To 500, Deduct	-16.83	
			For >500, Deduct	-23.19	
06 05 23 00-0176	EA		3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	153.82	
			For >10 To 50, Deduct	-1.18	
			For >50 To 100, Deduct	-5.62	
			For >100 To 250, Deduct	-11.24	
			For >250 To 500, Deduct	-18.04	
			For >500, Deduct	-24.85	
06 05 23 00-0177			Timber Bolts (06 05 23 00-0038) Note: Includes drilling of holes in any material.		
06 05 23 00-0178	EA		5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914).....	28.81	
			For >10 To 50, Deduct	-0.96	
			For >50 To 100, Deduct	-2.17	
			For >100 To 250, Deduct	-4.33	
			For >250 To 500, Deduct	-7.46	
			For >500, Deduct	-10.59	
06 05 23 00-0179	EA		5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915).....	32.56	
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-2.43	
			For >100 To 250, Deduct	-4.87	
			For >250 To 500, Deduct	-8.38	
			For >500, Deduct	-11.89	
06 05 23 00-0180	EA		5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916).....	35.14	
			For >10 To 50, Deduct	-1.15	
			For >50 To 100, Deduct	-2.60	
			For >100 To 250, Deduct	-5.20	
			For >250 To 500, Deduct	-8.96	
			For >500, Deduct	-12.71	
06 05 23 00-0181	EA		5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917).....	39.09	
			For >10 To 50, Deduct	-1.21	
			For >50 To 100, Deduct	-2.80	
			For >100 To 250, Deduct	-5.60	
			For >250 To 500, Deduct	-9.61	
			For >500, Deduct	-13.63	
06 05 23 00-0182	EA		5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918).....	41.60	
			For >10 To 50, Deduct	-1.28	
			For >50 To 100, Deduct	-2.96	
			For >100 To 250, Deduct	-5.92	
			For >250 To 500, Deduct	-10.16	
			For >500, Deduct	-14.40	
06 05 23 00-0183	EA		5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919).....	43.20	
			For >10 To 50, Deduct	-1.34	
			For >50 To 100, Deduct	-3.09	
			For >100 To 250, Deduct	-6.17	
			For >250 To 500, Deduct	-10.59	
			For >500, Deduct	-15.02	
06 05 23 00-0184	EA		3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920).....	38.69	
			For >10 To 50, Deduct	-1.15	
			For >50 To 100, Deduct	-2.69	
			For >100 To 250, Deduct	-5.38	
			For >250 To 500, Deduct	-9.22	
			For >500, Deduct	-13.06	
06 05 23 00-0185	EA		3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921).....	40.47	
			For >10 To 50, Deduct	-1.20	
			For >50 To 100, Deduct	-2.81	
			For >100 To 250, Deduct	-5.61	
			For >250 To 500, Deduct	-9.61	
			For >500, Deduct	-13.62	
06 05 23 00-0186	EA		3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922).....	44.76	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-3.02	
			For >100 To 250, Deduct	-6.04	
			For >250 To 500, Deduct	-10.32	
			For >500, Deduct	-14.61	
06 05 23 00-0187	EA		3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923).....	48.04	
			For >10 To 50, Deduct	-1.33	
			For >50 To 100, Deduct	-3.20	
			For >100 To 250, Deduct	-6.40	
			For >250 To 500, Deduct	-10.93	
			For >500, Deduct	-15.46	
06 05 23 00-0188	EA		3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924).....	51.58	
			For >10 To 50, Deduct	-1.40	
			For >50 To 100, Deduct	-3.39	
			For >100 To 250, Deduct	-6.77	
			For >250 To 500, Deduct	-11.56	
			For >500, Deduct	-16.34	

06 05 23 00-0189 **Supports** (06 05 23)

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
06 05 23 00-0190	Shear Plates (06 05 23 00-0189)				
06 05 23 00-0191	EA 2-5/8" Diameter, Shear Plate	10.39		3.44	
	For >10 To 50, Deduct	-0.39			
	For >50 To 100, Deduct	-0.84			
	For >100 To 250, Deduct	-1.68			
	For >250 To 500, Deduct	-2.91			
	For >500, Deduct	-4.14			
06 05 23 00-0192	EA 4" Diameter, Shear Plate	14.20		3.62	
	For >10 To 50, Deduct	-0.40			
	For >50 To 100, Deduct	-0.96			
	For >100 To 250, Deduct	-1.92			
	For >250 To 500, Deduct	-3.28			
	For >500, Deduct	-4.65			
06 05 23 00-0193	Sill Anchors (06 05 23 00-0189)				
06 05 23 00-0194	EA Sill Anchor Embedded In Concrete	8.79		3.62	
	For >10 To 50, Deduct	-0.40			
	For >50 To 100, Deduct	-0.83			
	For >100 To 250, Deduct	-1.65			
	For >250 To 500, Deduct	-2.88			
	For >500, Deduct	-4.11			
06 05 23 00-0195	Spike Grids (06 05 23 00-0189)				
06 05 23 00-0196	EA 4" x 4" Flat Or Curved Spike Grid	8.69		3.44	
	For >10 To 50, Deduct	-0.39			
	For >50 To 100, Deduct	-0.80			
	For >100 To 250, Deduct	-1.60			
	For >250 To 500, Deduct	-2.78			
	For >500, Deduct	-3.97			
06 05 23 00-0197	Split Rings (06 05 23 00-0189)				
06 05 23 00-0198	EA 2-1/2" Diameter Split Ring	9.27		3.44	
	For >10 To 50, Deduct	-0.39			
	For >50 To 100, Deduct	-0.81			
	For >100 To 250, Deduct	-1.62			
	For >250 To 500, Deduct	-2.82			
	For >500, Deduct	-4.02			
06 05 23 00-0199	EA 4" Diameter Split Ring	11.01		3.81	
	For >10 To 50, Deduct	-0.42			
	For >50 To 100, Deduct	-0.91			
	For >100 To 250, Deduct	-1.82			
	For >250 To 500, Deduct	-3.15			
	For >500, Deduct	-4.48			
06 05 23 00-0200	Toothed Rings (06 05 23 00-0189)				
06 05 23 00-0201	EA 2-5/8" Or 4" Toothed Ring	11.50		3.44	
	For >10 To 50, Deduct	-0.39			
	For >50 To 100, Deduct	-0.87			
	For >100 To 250, Deduct	-1.74			
	For >250 To 500, Deduct	-2.99			
	For >500, Deduct	-4.25			
06 05 23 00-0202	Straps And Shields (06 05 23)				
06 05 23 00-0203	Shield Plate (06 05 23 00-0202)				
06 05 23 00-0204	EA 5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z)	6.27			
	For >10 To 50, Deduct	-0.06			
	For >50 To 100, Deduct	-0.21			
	For >100 To 250, Deduct	-0.43			
	For >250 To 500, Deduct	-0.76			
	For >500, Deduct	-1.16			
06 05 23 00-0205	EA 5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z)	9.45			
	For >10 To 50, Deduct	-0.07			
	For >50 To 100, Deduct	-0.31			
	For >100 To 250, Deduct	-0.61			
	For >250 To 500, Deduct	-1.06			
	For >500, Deduct	-1.58			
06 05 23 00-0206	Strap Ties (06 05 23 00-0202)				
06 05 23 00-0207	EA 1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9)	2.51			
	For >10 To 50, Deduct	-0.05			
	For >50 To 100, Deduct	-0.11			
	For >100 To 250, Deduct	-0.22			
	For >250 To 500, Deduct	-0.42			
	For >500, Deduct	-0.68			



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0208	EA	1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12).....	2.57	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.11	
		For >100 To 250, Deduct	-0.22	
		For >250 To 500, Deduct	-0.42	
		For >500, Deduct	-0.68	
06 05 23 00-0209	EA	1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15).....	3.41	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.14	
		For >100 To 250, Deduct	-0.29	
		For >250 To 500, Deduct	-0.55	
		For >500, Deduct	-0.87	
06 05 23 00-0210	EA	1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18).....	3.59	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.56	
		For >500, Deduct	-0.89	
06 05 23 00-0211	EA	1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21).....	3.75	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.57	
		For >500, Deduct	-0.91	
06 05 23 00-0212	EA	1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24).....	4.37	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.18	
		For >100 To 250, Deduct	-0.36	
		For >250 To 500, Deduct	-0.68	
		For >500, Deduct	-1.08	
06 05 23 00-0213	EA	1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30).....	4.82	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.19	
		For >100 To 250, Deduct	-0.38	
		For >250 To 500, Deduct	-0.71	
		For >500, Deduct	-1.12	
06 05 23 00-0214	EA	1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36).....	5.74	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.22	
		For >100 To 250, Deduct	-0.45	
		For >250 To 500, Deduct	-0.84	
		For >500, Deduct	-1.32	
06 05 23 00-0215	EA	1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A9).....	2.57	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.11	
		For >100 To 250, Deduct	-0.22	
		For >250 To 500, Deduct	-0.42	
		For >500, Deduct	-0.68	
06 05 23 00-0216	EA	1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A12).....	2.78	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.12	
		For >100 To 250, Deduct	-0.23	
		For >250 To 500, Deduct	-0.44	
		For >500, Deduct	-0.70	
06 05 23 00-0217	EA	1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A15).....	3.54	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.29	
		For >250 To 500, Deduct	-0.56	
		For >500, Deduct	-0.89	
06 05 23 00-0218	EA	1-1/4" Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A18).....	3.79	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.31	
		For >250 To 500, Deduct	-0.57	
		For >500, Deduct	-0.91	
06 05 23 00-0219	EA	1-1/4" Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A21).....	4.02	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.16	
		For >100 To 250, Deduct	-0.32	
		For >250 To 500, Deduct	-0.59	
		For >500, Deduct	-0.94	
06 05 23 00-0220	EA	1-1/4" Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A24).....	4.72	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.19	
		For >100 To 250, Deduct	-0.38	
		For >250 To 500, Deduct	-0.70	
		For >500, Deduct	-1.11	
06 05 23 00-0221	EA	1-1/4" Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MST A30).....	5.08	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.20	
		For >100 To 250, Deduct	-0.39	
		For >250 To 500, Deduct	-0.73	
		For >500, Deduct	-1.15	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0222	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA36).....	6.16	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.24	
		For >100 To 250, Deduct	-0.47	
		For >250 To 500, Deduct	-0.87	
		For >500, Deduct	-1.36	
06 05 23 00-0223	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA49).....	7.97	
		For >10 To 50, Deduct	-0.09	
		For >50 To 100, Deduct	-0.29	
		For >100 To 250, Deduct	-0.58	
		For >250 To 500, Deduct	-1.06	
		For >500, Deduct	-1.65	
06 05 23 00-0224	EA	1-1/4" Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9).....	2.86	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.12	
		For >100 To 250, Deduct	-0.24	
		For >250 To 500, Deduct	-0.45	
		For >500, Deduct	-0.71	
06 05 23 00-0225	EA	1-1/4" Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12).....	3.12	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.12	
		For >100 To 250, Deduct	-0.25	
		For >250 To 500, Deduct	-0.47	
		For >500, Deduct	-0.74	
06 05 23 00-0226	EA	1-1/4" Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18).....	4.21	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.16	
		For >100 To 250, Deduct	-0.33	
		For >250 To 500, Deduct	-0.61	
		For >500, Deduct	-0.95	
06 05 23 00-0227	EA	1-1/4" Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22).....	5.44	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.21	
		For >100 To 250, Deduct	-0.41	
		For >250 To 500, Deduct	-0.76	
		For >500, Deduct	-1.18	
06 05 23 00-0228	EA	1-3/8" Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6).....	3.61	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.14	
		For >100 To 250, Deduct	-0.27	
		For >250 To 500, Deduct	-0.50	
		For >500, Deduct	-0.79	
06 05 23 00-0229	EA	1-3/8" Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8).....	3.81	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.14	
		For >100 To 250, Deduct	-0.28	
		For >250 To 500, Deduct	-0.52	
		For >500, Deduct	-0.81	
06 05 23 00-0230	EA	1-3/8" Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12).....	5.18	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.19	
		For >100 To 250, Deduct	-0.38	
		For >250 To 500, Deduct	-0.68	
		For >500, Deduct	-1.05	
06 05 23 00-0231	EA	2-1/16" Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27).....	9.18	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.30	
		For >100 To 250, Deduct	-0.60	
		For >250 To 500, Deduct	-1.04	
		For >500, Deduct	-1.56	
06 05 23 00-0232	EA	2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37).....	12.40	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.39	
		For >100 To 250, Deduct	-0.78	
		For >250 To 500, Deduct	-1.34	
		For >500, Deduct	-1.99	
06 05 23 00-0233	EA	2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48).....	16.38	
		For >10 To 50, Deduct	-0.09	
		For >50 To 100, Deduct	-0.50	
		For >100 To 250, Deduct	-1.01	
		For >250 To 500, Deduct	-1.69	
		For >500, Deduct	-2.49	
06 05 23 00-0234	EA	2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60).....	23.67	
		For >10 To 50, Deduct	-0.10	
		For >50 To 100, Deduct	-0.70	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-2.30	
		For >500, Deduct	-3.33	
06 05 23 00-0235	EA	2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72).....	30.48	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-0.88	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.87	
		For >500, Deduct	-4.12	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0236	EA	3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28).....	9.83	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.32	
		For >100 To 250, Deduct	-0.63	
		For >250 To 500, Deduct	-1.08	
		For >500, Deduct	-1.62	
06 05 23 00-0237	EA	3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40).....	13.35	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.42	
		For >100 To 250, Deduct	-0.83	
		For >250 To 500, Deduct	-1.41	
		For >500, Deduct	-2.08	
06 05 23 00-0238	EA	3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52).....	16.65	
		For >10 To 50, Deduct	-0.09	
		For >50 To 100, Deduct	-0.51	
		For >100 To 250, Deduct	-1.02	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.52	
06 05 23 00-0239	EA	3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66).....	24.18	
		For >10 To 50, Deduct	-0.10	
		For >50 To 100, Deduct	-0.71	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-2.34	
		For >500, Deduct	-3.38	
06 05 23 00-0240		Twist Strap Ties (06 05 23 00-0202)		
06 05 23 00-0241	EA	1-1/4" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9).....	3.21	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.13	
		For >100 To 250, Deduct	-0.25	
		For >250 To 500, Deduct	-0.47	
		For >500, Deduct	-0.75	
06 05 23 00-0242	EA	1-1/4" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12).....	3.69	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.14	
		For >100 To 250, Deduct	-0.28	
		For >250 To 500, Deduct	-0.51	
		For >500, Deduct	-0.79	
06 05 23 00-0243	EA	1-1/4" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18).....	4.98	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.18	
		For >100 To 250, Deduct	-0.37	
		For >250 To 500, Deduct	-0.66	
		For >500, Deduct	-1.03	
06 05 23 00-0244	EA	1-1/4" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22).....	5.90	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.22	
		For >100 To 250, Deduct	-0.43	
		For >250 To 500, Deduct	-0.79	
		For >500, Deduct	-1.23	
06 05 23 00-0245		Retrofit Plate Strap (06 05 23 00-0202)		
06 05 23 00-0246	EA	1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18).....	4.45	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.17	
		For >100 To 250, Deduct	-0.34	
		For >250 To 500, Deduct	-0.62	
		For >500, Deduct	-0.98	
06 05 23 00-0247	EA	1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22).....	4.90	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.18	
		For >100 To 250, Deduct	-0.36	
		For >250 To 500, Deduct	-0.66	
		For >500, Deduct	-1.02	
06 05 23 00-0248	EA	1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28).....	5.60	
		For >10 To 50, Deduct	-0.06	
		For >50 To 100, Deduct	-0.20	
		For >100 To 250, Deduct	-0.40	
		For >250 To 500, Deduct	-0.71	
		For >500, Deduct	-1.09	
06 05 23 00-0249		Stud Shoe (06 05 23 00-0202)		
06 05 23 00-0250	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5).....	8.10	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.27	
		For >100 To 250, Deduct	-0.54	
		For >250 To 500, Deduct	-0.96	
		For >500, Deduct	-1.45	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0251	EA		6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5)	12.14	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.37	
			For >100 To 250, Deduct	-0.75	
			For >250 To 500, Deduct	-1.26	
			For >500, Deduct	-1.85	
06 05 23 00-0252	EA		6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3)	13.30	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.40	
			For >100 To 250, Deduct	-0.80	
			For >250 To 500, Deduct	-1.35	
			For >500, Deduct	-1.97	
06 05 23 00-0253	EA		6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5)	17.16	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.50	
			For >100 To 250, Deduct	-1.00	
			For >250 To 500, Deduct	-1.63	
			For >500, Deduct	-2.36	
06 05 23 00-0254	EA		7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-SDS1.5)	19.25	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.55	
			For >100 To 250, Deduct	-1.10	
			For >250 To 500, Deduct	-1.79	
			For >500, Deduct	-2.56	
06 05 23 00-0255	EA		7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	23.74	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.66	
			For >100 To 250, Deduct	-1.33	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-3.01	
06 05 23 00-0256	EA		7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-3-SDS3)	23.74	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.66	
			For >100 To 250, Deduct	-1.33	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-3.01	
06 05 23 00-0257	EA		7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS4-SDS3)	23.74	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.66	
			For >100 To 250, Deduct	-1.33	
			For >250 To 500, Deduct	-2.13	
			For >500, Deduct	-3.01	
06 05 23 00-0258			Nail Stops (06 05 23 00-0202)		
06 05 23 00-0259	EA		1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1)	2.35	
			For >10 To 50, Deduct	-0.05	
			For >50 To 100, Deduct	-0.11	
			For >100 To 250, Deduct	-0.21	
			For >250 To 500, Deduct	-0.41	
			For >500, Deduct	-0.66	
06 05 23 00-0260	EA		1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2)	2.70	
			For >10 To 50, Deduct	-0.05	
			For >50 To 100, Deduct	-0.11	
			For >100 To 250, Deduct	-0.23	
			For >250 To 500, Deduct	-0.43	
			For >500, Deduct	-0.70	
06 05 73			Wood Treatment (06 05)		
06 05 73 13			Fire-Retardant Wood Treatment (06 05 73)		
06 05 73 13-0001			Preservative Treated Lumber (06 05 73 13)		
06 05 73 13-0002			Fire Retardant Treatment (FRT) For Lumber (06 05 73 13-0001)		
06 05 73 13-0003	MBF		Fire Retardant Treatment (FRT) For Lumber	491.36	
06 05 73 33			Preservative Wood Treatment (06 05 73)		
06 05 73 33-0001			Preservative Treatment For Marine And Fresh Water Uses (06 05 73 33)		
06 05 73 33-0002	MBF		Preservative Treatment For Marine And Fresh Water Lumber	269.94	
06 10			Rough Carpentry (06)		
06 11			Wood Framing (06 10)		
			Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.		
06 11 13			Engineered Wood Products (06 11)		
			Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.		



Wood, Plastics, and Composites			06
Rough Carpentry			06 10
Wood Framing			06 11

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 13 00-0001 Built-Up Members (06 11 13) Note: A structural framing member made from fastening separate pieces of lumber together.		
06 11 13 00-0002 Built-Up Beams Or Joists (06 11 13 00-0001)		
06 11 13 00-0003 LF Two 2" x 6" Built-up Wood Beam Or Joist..... For Each Additional 2" x..." In The Built Up Member, Add	5.76 1.66	1.59
06 11 13 00-0004 LF Two 2" x 8" Built-up Wood Beam Or Joist..... For Each Additional 2" x..." In The Built Up Member, Add	7.51 2.35	1.88
06 11 13 00-0005 LF Two 2" x 10" Built-up Wood Beam Or Joist..... For Each Additional 2" x..." In The Built Up Member, Add	9.92 3.28	2.25
06 11 13 00-0006 Built-Up Posts (06 11 13 00-0001)		
06 11 13 00-0007 LF Two 2" x 6" Built-up Wood Post..... For Each Additional 2" x..." In The Built Up Member, Add	5.76 1.66	1.59
06 11 13 00-0008 LF Two 2" x 8" Built-up Wood Post..... For Each Additional 2" x..." In The Built Up Member, Add	7.51 2.35	1.88
06 11 13 00-0009 LF Two 2" x 10" Built-up Wood Post..... For Each Additional 2" x..." In The Built Up Member, Add	9.92 3.28	2.25
06 11 16 Mechanically Graded Lumber (06 11)		
06 11 16 00-0001 Rafters And Joists (06 11 16)		
06 11 16 00-0002 Rafters (06 11 16 00-0001) Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0003 LF 2" x 6" Wood Rafter.....	3.16	1.12
06 11 16 00-0004 LF 2" x 8" Wood Rafter.....	3.94	1.21
06 11 16 00-0005 LF 2" x 10" Wood Rafter.....	5.61	1.78
06 11 16 00-0006 LF 2" x 12" Wood Rafter.....	6.58	1.97
06 11 16 00-0007 LF 2" x 14" Wood Rafter.....	7.21	2.15
06 11 16 00-0008 LF 2" x 6" Pressure Treated Wood Rafter.....	2.97	1.12
06 11 16 00-0009 LF 2" x 8" Pressure Treated Wood Rafter.....	3.66	1.21
06 11 16 00-0010 LF 2" x 10" Pressure Treated Wood Rafter.....	4.90	1.78
06 11 16 00-0011 LF 2" x 12" Pressure Treated Wood Rafter.....	5.96	1.97
06 11 16 00-0012 Joists (06 11 16 00-0001) Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0013 LF 2" x 6" Wood Floor Joist.....	2.87	0.94
06 11 16 00-0014 LF 2" x 8" Wood Floor Joist.....	3.76	1.03
06 11 16 00-0015 LF 2" x 10" Wood Floor Joist.....	4.95	1.31
06 11 16 00-0016 LF 2" x 12" Wood Floor Joist.....	5.93	1.50
06 11 16 00-0017 LF 2" x 14" Wood Floor Joist.....	6.55	1.59
06 11 16 00-0018 LF 2" x 6" Pressure Treated Wood Floor Joist.....	2.68	0.94
06 11 16 00-0019 LF 2" x 8" Pressure Treated Wood Floor Joist.....	3.48	1.03
06 11 16 00-0020 LF 2" x 10" Pressure Treated Wood Floor Joist.....	4.24	1.31
06 11 16 00-0021 LF 2" x 12" Pressure Treated Wood Floor Joist.....	5.31	1.50
06 11 16 00-0022 Purlins (06 11 16 00-0001) Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0023 LF 2" x 4" Wood Purlin.....	2.11	0.56
06 11 16 00-0024 LF 2" x 6" Wood Purlin.....	2.89	0.62
06 11 16 00-0025 LF 2" x 8" Wood Purlin.....	3.71	0.68
06 11 16 00-0026 LF 2" x 10" Wood Purlin.....	4.77	0.75
06 11 16 00-0027 LF 2" x 4" Pressure Treated Wood Purlin.....	2.00	0.56
06 11 16 00-0028 LF 2" x 6" Pressure Treated Wood Purlin.....	2.70	0.62
06 11 16 00-0029 LF 2" x 8" Pressure Treated Wood Purlin.....	3.43	0.68
06 11 16 00-0030 LF 2" x 10" Pressure Treated Wood Purlin.....	4.06	0.75
06 11 16 00-0031 Exposed Rafters Or Joists (06 11 16 00-0001)		
06 11 16 00-0032 Redwood Rafters Or Joists (06 11 16 00-0031)		
06 11 16 00-0033 LF 2" x 6" Redwood Rafter Or Joist.....	5.31	0.94
06 11 16 00-0034 LF 2" x 8" Redwood Rafter Or Joist.....	6.60	1.03
06 11 16 00-0035 LF 2" x 10" Redwood Rafter Or Joist.....	8.31	1.31
06 11 16 00-0036 LF 2" x 12" Redwood Rafter Or Joist.....	10.18	1.50
06 11 16 00-0037 Cedar Rafters Or Joists (06 11 16 00-0031)		
06 11 16 00-0038 LF 2" x 6" Cedar Rafter Or Joist.....	2.89	0.94
06 11 16 00-0039 LF 2" x 8" Cedar Rafter Or Joist.....	3.20	1.03
06 11 16 00-0040 LF 2" x 10" Cedar Rafter Or Joist.....	3.57	1.31
06 11 16 00-0041 LF 2" x 12" Cedar Rafter Or Joist.....	3.97	1.50
06 11 16 00-0042 Oak Rafters Or Joists (06 11 16 00-0031)		
06 11 16 00-0043 LF 2" x 6" Oak Rafter Or Joist.....	3.88	0.94
06 11 16 00-0044 LF 2" x 8" Oak Rafter Or Joist.....	5.71	1.03

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist	7.60	1.31
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist	9.52	1.50
06 11 16 00-0047		Framing (06 11 16)		
06 11 16 00-0048		Partition Framing (06 11 16 00-0047)		
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls.....	2.07	0.75
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls.....	2.78	0.79
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls.....	3.52	0.85
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.96	0.75
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.59	0.79
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	3.24	0.85
06 11 16 00-0055		Wall Framing Assemblies By The SF (06 11 16 00-0047)		
		Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0056		Wall Framing By The SF, 12" On Center (06 11 16 00-0055)		
06 11 16 00-0057	SF	2" x 4" Wood Wall Framing At 12" On Center	2.76	0.91
		For Up To 200, Add	0.82	
		For >200 To 500, Add	0.41	
06 11 16 00-0058	SF	2" x 6" Wood Wall Framing At 12" On Center	3.85	1.16
		For Up To 200, Add	1.11	
		For >200 To 500, Add	0.56	
06 11 16 00-0059	SF	2" x 8" Wood Wall Framing At 12" On Center	5.13	1.55
		For Up To 200, Add	1.48	
		For >200 To 500, Add	0.74	
06 11 16 00-0060		Wall Framing By The SF, 16" On Center (06 11 16 00-0055)		
06 11 16 00-0061	SF	2" x 4" Wood Wall Framing At 16" On Center	2.27	0.73
		For Up To 200, Add	0.67	
		For >200 To 500, Add	0.34	
06 11 16 00-0062	SF	2" x 6" Wood Wall Framing At 16" On Center	3.19	0.97
		For Up To 200, Add	0.92	
		For >200 To 500, Add	0.46	
06 11 16 00-0063	SF	2" x 8" Wood Wall Framing At 16" On Center	4.27	1.29
		For Up To 200, Add	1.24	
		For >200 To 500, Add	0.62	
06 11 16 00-0064		Wall Framing By The SF, 24" On Center (06 11 16 00-0055)		
06 11 16 00-0065	SF	2" x 4" Wood Wall Framing At 24" On Center	1.79	0.57
		For Up To 200, Add	0.53	
		For >200 To 500, Add	0.26	
06 11 16 00-0066	SF	2" x 6" Wood Wall Framing At 24" On Center	2.51	0.75
		For Up To 200, Add	0.72	
		For >200 To 500, Add	0.36	
06 11 16 00-0067	SF	2" x 8" Wood Wall Framing At 24" On Center	3.36	1.01
		For Up To 200, Add	0.97	
		For >200 To 500, Add	0.49	
06 11 16 00-0068		Sills And Plates (06 11 16)		
06 11 16 00-0069		Sills (06 11 16 00-0068)		
		Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0070	LF	2" x 4" Wood Sill.....	3.10	1.41
06 11 16 00-0071	LF	2" x 6" Wood Sill.....	4.00	1.59
06 11 16 00-0072	LF	2" x 8" Wood Sill.....	4.99	1.78
06 11 16 00-0073	LF	2" x 4" Pressure Treated Wood Sill	2.99	1.41
06 11 16 00-0074	LF	2" x 6" Pressure Treated Wood Sill	3.81	1.59
06 11 16 00-0075	LF	2" x 8" Pressure Treated Wood Sill	4.71	1.78
06 11 16 00-0076		Plates (06 11 16 00-0068)		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0077	LF	2" x 4" Wood Plate	3.10	1.41
06 11 16 00-0078	LF	2" x 6" Wood Plate	4.00	1.59
06 11 16 00-0079	LF	2" x 8" Wood Plate	4.97	1.78
06 11 16 00-0080	LF	2" x 4" Pressure Treated Wood Plate.....	2.99	1.41
06 11 16 00-0081	LF	2" x 6" Pressure Treated Wood Plate.....	3.81	1.59
06 11 16 00-0082	LF	2" x 8" Pressure Treated Wood Plate.....	4.69	1.78
06 11 16 00-0083		Sills And Plates From Redwood (06 11 16 00-0068)		
06 11 16 00-0084		Construction Grade/Rough (06 11 16 00-0083)		
06 11 16 00-0085	LF	2" x 6" Redwood, Construction Grade/Rough	4.41	1.59

**Wood, Plastics, and Composites****06**

Rough Carpentry

06 10

Wood Framing

06 11**06**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0086 LF 2" x 8" Redwood, Construction Grade/Rough	5.80	1.78
06 11 16 00-0087 LF 2" x 10" Redwood, Construction Grade/Rough	7.05	1.97
06 11 16 00-0088 LF 2" x 12" Redwood, Construction Grade/Rough	8.50	2.15
06 11 16 00-0089 Con Heart/Smooth (06 11 16 00-0083)		
06 11 16 00-0090 LF 2" x 6" Redwood, Con Heart/Smooth	5.29	1.59
06 11 16 00-0091 LF 2" x 8" Redwood, Con Heart/Smooth	7.12	1.78
06 11 16 00-0092 LF 2" x 10" Redwood, Con Heart/Smooth	9.29	1.97
06 11 16 00-0093 LF 2" x 12" Redwood, Con Heart/Smooth	11.17	2.15
06 11 16 00-0094 Suspended Ceiling Framing (06 11 16)		
06 11 16 00-0095 LF 1" x 2" Wood Suspended Ceiling Framing	2.33	1.21
06 11 16 00-0096 LF 1" x 3" Wood Suspended Ceiling Framing	2.65	1.31
06 11 16 00-0097 LF 2" x 2" Wood Suspended Ceiling Framing	2.96	1.41
06 11 16 00-0098 LF 2" x 4" Wood Suspended Ceiling Framing	3.54	1.59
06 11 16 00-0099 LF 1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.41	1.21
06 11 16 00-0100 LF 1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.62	1.31
06 11 16 00-0101 LF 2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.85	1.41
06 11 16 00-0102 LF 2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.32	1.59
06 11 16 00-0103 Posts And Girts (06 11 16)		
06 11 16 00-0104 Posts (06 11 16 00-0103)		
Note: A vertical, upright framing member.		
06 11 16 00-0105 LF 4" x 4" Wood Post	4.69	1.78
06 11 16 00-0106 LF 4" x 5" Wood Post	5.39	2.06
06 11 16 00-0107 LF 4" x 6" Wood Post	5.91	2.25
06 11 16 00-0108 LF 6" x 6" Wood Post	6.61	2.44
06 11 16 00-0109 LF 8" x 8" Wood Post	7.32	2.53
06 11 16 00-0110 LF 10" x 10" Wood Post	8.01	2.90
06 11 16 00-0111 LF 4" x 4" Pressure Treated Wood Post	4.95	1.78
06 11 16 00-0112 LF 3" x 6" Pressure Treated Wood Post	5.61	2.25
06 11 16 00-0113 LF 4" x 6" Pressure Treated Wood Post	6.44	2.25
06 11 16 00-0114 LF 6" x 6" Pressure Treated Wood Post	8.31	2.44
06 11 16 00-0115 Girts (06 11 16 00-0103)		
Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0116 LF 2" x 4" Wood Girt	2.34	0.67
06 11 16 00-0117 LF 2" x 6" Wood Girt	3.14	0.74
06 11 16 00-0118 LF 2" x 8" Wood Girt	3.98	0.82
06 11 16 00-0119 LF 2" x 10" Wood Girt	5.06	0.90
06 11 16 00-0120 LF 4" x 4" Wood Girt	4.46	1.35
06 11 16 00-0121 LF 4" x 5" Wood Girt	5.17	1.52
06 11 16 00-0122 LF 4" x 6" Wood Girt	5.87	1.68
06 11 16 00-0123 LF 6" x 6" Wood Girt	6.57	1.85
06 11 16 00-0124 LF 8" x 8" Wood Girt	7.29	2.03
06 11 16 00-0125 LF 10" x 10" Wood Girt	7.99	2.20
06 11 16 00-0126 LF 2" x 4" Pressure Treated Wood Girt	2.23	0.67
06 11 16 00-0127 LF 2" x 6" Pressure Treated Wood Girt	2.95	0.74
06 11 16 00-0128 LF 2" x 8" Pressure Treated Wood Girt	3.70	0.82
06 11 16 00-0129 LF 2" x 10" Pressure Treated Wood Girt	4.35	0.90
06 11 16 00-0130 LF 4" x 4" Pressure Treated Wood Girt	4.95	1.35
06 11 16 00-0131 LF 3" x 6" Pressure Treated Wood Girt	5.61	1.68
06 11 16 00-0132 LF 4" x 6" Pressure Treated Wood Girt	6.44	1.68
06 11 16 00-0133 LF 6" x 6" Pressure Treated Wood Girt	8.31	1.85
06 11 16 00-0134 Construction Grade/Rough Redwood Posts (06 11 16 00-0103)		
06 11 16 00-0135 LF 4" x 4" Redwood, Construction Grade/Rough Post	6.69	1.78
For Smooth "Clear", Add	0.80	
06 11 16 00-0136 LF 4" x 5" Redwood, Construction Grade/Rough Post	8.02	2.06
For Smooth "Clear", Add	1.00	
06 11 16 00-0137 LF 4" x 6" Redwood, Construction Grade/Rough Post	9.38	2.25
For Smooth "Clear", Add	1.20	
06 11 16 00-0138 LF 4" x 8" Redwood, Construction Grade/Rough Post	11.53	2.31
For Smooth "Clear", Add	1.60	
06 11 16 00-0139 LF 4" x 10" Redwood, Construction Grade/Rough Post	13.74	2.47
For Smooth "Clear", Add	2.00	
06 11 16 00-0140 LF 6" x 6" Redwood, Construction Grade/Rough Post	12.72	2.44
For Smooth "Clear", Add	1.80	
06 11 16 00-0141 LF 6" x 8" Redwood, Construction Grade/Rough Post	15.86	2.53
For Smooth "Clear", Add	2.40	
06 11 16 00-0142 LF 6" x 10" Redwood, Construction Grade/Rough Post	18.97	2.37
For Smooth "Clear", Add	3.00	
06 11 16 00-0143 LF 8" x 8" Redwood, Construction Grade/Rough Post	20.08	2.53
For Smooth "Clear", Add	3.20	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0144	Stair Stringers (06 11 16)			
06 11 16 00-0145	LF	2" x 10" Wood Stair Stringer.....	8.82	3.75
06 11 16 00-0146	LF	2" x 12" Wood Stair Stringer.....	10.56	4.40
06 11 16 00-0147	LF	2" x 10" Pressure Treated Wood Stair Stringer.....	8.17	3.75
06 11 16 00-0148	LF	2" x 12" Pressure Treated Wood Stair Stringer.....	9.89	4.40
06 11 16 00-0149	Blocking (06 11 16)			
06 11 16 00-0150	Blocking (06 11 16 00-0149)			
06 11 16 00-0151	Blocking To Wood (06 11 16 00-0150)			
06 11 16 00-0152	LF	2" x 4" Pressure Treated Wood Blocking To Wood.....	5.77	2.25
06 11 16 00-0153	LF	2" x 6" Pressure Treated Wood Blocking To Wood.....	7.08	2.47
06 11 16 00-0154	LF	2" x 8" Pressure Treated Wood Blocking To Wood.....	8.19	2.72
06 11 16 00-0155	LF	4" x 4" Pressure Treated Wood Blocking To Wood.....	9.68	2.99
06 11 16 00-0156	LF	4" x 6" Pressure Treated Wood Blocking To Wood.....	10.36	3.29
06 11 16 00-0157	LF	2" x 4" Wood Blocking To Wood.....	5.49	2.25
06 11 16 00-0158	LF	2" x 6" Wood Blocking To Wood.....	6.61	2.47
06 11 16 00-0159	LF	2" x 8" Wood Blocking To Wood.....	7.80	2.72
06 11 16 00-0160	LF	4" x 4" Wood Blocking To Wood.....	8.00	2.99
06 11 16 00-0161	LF	4" x 6" Wood Blocking To Wood.....	9.14	3.29
06 11 16 00-0162	Blocking To Steel (06 11 16 00-0150)			
06 11 16 00-0163	LF	2" x 4" Pressure Treated Wood Blocking To Steel.....	6.58	2.59
06 11 16 00-0164	LF	2" x 6" Pressure Treated Wood Blocking To Steel.....	8.03	2.85
06 11 16 00-0165	LF	2" x 8" Pressure Treated Wood Blocking To Steel.....	9.27	3.14
06 11 16 00-0166	LF	2" x 4" Wood Blocking To Steel.....	6.27	2.59
06 11 16 00-0167	LF	2" x 6" Wood Blocking To Steel.....	7.52	2.85
06 11 16 00-0168	LF	2" x 8" Wood Blocking To Steel.....	8.85	3.14
06 11 16 00-0169	Blocking To Concrete (06 11 16 00-0150)			
06 11 16 00-0170	LF	2" x 4" Pressure Treated Wood Blocking To Concrete.....	6.58	2.59
06 11 16 00-0171	LF	2" x 6" Pressure Treated Wood Blocking To Concrete.....	8.03	2.85
06 11 16 00-0172	LF	2" x 8" Pressure Treated Wood Blocking To Concrete.....	9.27	3.14
06 11 16 00-0173	LF	2" x 4" Wood Blocking To Concrete.....	6.27	2.59
06 11 16 00-0174	LF	2" x 6" Wood Blocking To Concrete.....	7.52	2.85
06 11 16 00-0175	LF	2" x 8" Wood Blocking To Concrete.....	8.85	3.14
06 11 16 00-0176	Pressure Treated Lattice (06 11 16 00-0149)			
06 11 16 00-0177	SF	3/4" Thick Pressure Treated Wood Lattice.....	9.71	1.97
06 11 16 00-0178	Roofing Nailers (06 11 16)			
06 11 16 00-0179	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers.....	3.03	0.75
06 11 16 00-0180	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers.....	3.72	0.79
06 11 16 00-0181	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers.....	4.41	0.85
06 11 16 00-0182	Roofing Sleepers (06 11 16)			
06 11 16 00-0183	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	1.58	
06 11 16 00-0184	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	3.62	
06 11 16 00-0185	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	4.75	
06 11 16 00-0186	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	6.48	
06 11 16 00-0187	Canopy Framing, Bridging, And Furring (06 11 16)			
06 11 16 00-0188	Wood And Steel Bridging (06 11 16 00-0187)			
06 11 16 00-0189	Wood Bridging (06 11 16 00-0188)			
06 11 16 00-0190	EA	1 Pair Wood Bridging, 1" x 3" Cross Type..... Note: For joists spaced at 16" on center.	8.08	3.28
06 11 16 00-0191	EA	1 Pair Wood Bridging, 2" x 3" Cross Type..... Note: For joists spaced at 16" on center.	8.62	3.28
06 11 16 00-0192	Steel Bridging (06 11 16 00-0188)			
06 11 16 00-0193	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center.....	8.82	3.28
06 11 16 00-0194	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center.....	8.80	3.28
06 11 16 00-0195	Light Framing, Trim And Furring (06 11 16 00-0187)			
06 11 16 00-0196	Pine/Spruce/Fir Light Framing, Trim And Furring (06 11 16 00-0195)			
06 11 16 00-0197	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....	1.85	0.76
06 11 16 00-0198	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.13	0.85



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Wood Framing			06 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0199 LF 1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.58	0.93
06 11 16 00-0200 LF 1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.91	1.02
06 11 16 00-0201 LF 1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.26	1.12
06 11 16 00-0202 LF 1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.63	1.23
06 11 16 00-0203 LF 2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.94	1.02
06 11 16 00-0204 LF 2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	3.35	1.12
06 11 16 00-0205 LF 2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	4.14	1.23
06 11 16 00-0206 LF 2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	5.07	1.36
06 11 16 00-0207 LF 2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	6.26	1.50
06 11 16 00-0208 Cedar Light Framing, Trim And Furring (06 11 16 00-0195)		
06 11 16 00-0209 LF 1" x 1" Cedar Light Framing, Trim And Furring	1.90	0.76
06 11 16 00-0210 LF 1" x 2" Cedar Light Framing, Trim And Furring	2.41	0.85
06 11 16 00-0211 LF 1" x 4" Cedar Light Framing, Trim And Furring	3.64	0.93
06 11 16 00-0212 LF 1" x 6" Cedar Light Framing, Trim And Furring	4.72	1.02
06 11 16 00-0213 LF 1" x 8" Cedar Light Framing, Trim And Furring	8.03	1.12
06 11 16 00-0214 LF 1" x 10" Cedar Light Framing, Trim And Furring	9.70	1.23
06 11 16 00-0215 LF 2" x 2" Cedar Light Framing, Trim And Furring	3.63	1.02
06 11 16 00-0216 LF 2" x 4" Cedar Light Framing, Trim And Furring	4.37	1.12
06 11 16 00-0217 Oak Light Framing, Trim And Furring (06 11 16 00-0195)		
06 11 16 00-0218 LF 1" x 1" Oak Light Framing, Trim And Furring	1.92	0.76
06 11 16 00-0219 LF 1" x 2" Oak Light Framing, Trim And Furring	2.44	0.85
06 11 16 00-0220 LF 1" x 4" Oak Light Framing, Trim And Furring	3.37	0.93
06 11 16 00-0221 LF 1" x 6" Oak Light Framing, Trim And Furring	4.32	1.02
06 11 16 00-0222 LF 1" x 8" Oak Light Framing, Trim And Furring	5.29	1.12
06 11 16 00-0223 LF 1" x 10" Oak Light Framing, Trim And Furring	6.28	1.23
06 11 16 00-0224 LF 2" x 2" Oak Light Framing, Trim And Furring	3.57	1.02
06 11 16 00-0225 LF 2" x 4" Oak Light Framing, Trim And Furring	5.30	1.12
06 11 16 00-0226 Redwood Light Framing, Trim And Furring (06 11 16 00-0195)		
06 11 16 00-0227 LF 1" x 1" Redwood Light Framing, Trim And Furring	1.81	0.76
06 11 16 00-0228 LF 1" x 2" Redwood Light Framing, Trim And Furring	2.24	0.85
06 11 16 00-0229 LF 1" x 4" Redwood Light Framing, Trim And Furring	3.01	0.93
06 11 16 00-0230 LF 1" x 6" Redwood Light Framing, Trim And Furring	3.87	1.02
06 11 16 00-0231 LF 1" x 8" Redwood Light Framing, Trim And Furring	4.82	1.12
06 11 16 00-0232 LF 1" x 10" Redwood Light Framing, Trim And Furring	5.85	1.23
06 11 16 00-0233 LF 2" x 2" Redwood Light Framing, Trim And Furring	3.90	1.02
06 11 16 00-0234 LF 2" x 4" Redwood Light Framing, Trim And Furring	4.86	1.12
06 11 16 00-0235 Poplar Light Framing, Trim And Furring (06 11 16 00-0195)		
06 11 16 00-0236 LF 1" x 1" Poplar Light Framing, Trim And Furring	2.45	0.76
06 11 16 00-0237 LF 1" x 2" Poplar Light Framing, Trim And Furring	3.24	0.85
06 11 16 00-0238 LF 1" x 4" Poplar Light Framing, Trim And Furring	4.43	0.93
06 11 16 00-0239 LF 1" x 6" Poplar Light Framing, Trim And Furring	6.07	1.02
06 11 16 00-0240 LF 1" x 8" Poplar Light Framing, Trim And Furring	7.22	1.12
06 11 16 00-0241 LF 1" x 10" Poplar Light Framing, Trim And Furring	10.17	1.23
06 11 16 00-0242 LF 1" x 12" Poplar Light Framing, Trim And Furring	11.26	1.23
06 11 16 00-0243 LF 2" x 2" Poplar Light Framing, Trim And Furring	8.80	1.02
06 11 16 00-0244 LF 2" x 4" Poplar Light Framing, Trim And Furring	9.93	1.12
06 11 16 00-0245 LF 2" x 6" Poplar Light Framing, Trim And Furring	13.99	1.23
06 11 16 00-0246 Maple Light Framing, Trim And Furring (06 11 16 00-0195)		
06 11 16 00-0247 LF 1" x 4" Maple Light Framing, Trim And Furring	7.21	0.93
06 11 16 00-0248 LF 1" x 6" Maple Light Framing, Trim And Furring	10.39	1.02
06 11 16 00-0249 LF 1" x 8" Maple Light Framing, Trim And Furring	13.62	1.12
06 13 Heavy Timber Construction (06 10)		
06 13 23 Heavy Timber Framing (06 13)		
06 13 23 00-0001 Heavy Timber Framing (06 13 23) Note: Excludes fasteners.		
06 13 23 00-0002 Heavy Timber Beams (06 13 23 00-0001)		
06 13 23 00-0003 Pine, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0004 LF 4" x 4", Pine, Heavy Timber Beam	7.76	1.66
06 13 23 00-0005 LF 4" x 6", Pine, Heavy Timber Beam	10.12	1.73
06 13 23 00-0006 LF 4" x 8", Pine, Heavy Timber Beam	12.49	1.80
06 13 23 00-0007 LF 4" x 10", Pine, Heavy Timber Beam	17.32	1.92
06 13 23 00-0008 LF 4" x 12", Pine, Heavy Timber Beam	21.22	2.04
06 13 23 00-0009 LF 6" x 6", Pine, Heavy Timber Beam	13.70	1.88
06 13 23 00-0010 LF 6" x 8", Pine, Heavy Timber Beam	17.20	1.97
06 13 23 00-0011 LF 6" x 10", Pine, Heavy Timber Beam	24.44	2.11

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 13 Heavy Timber Construction**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	30.00	2.15
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	21.83	2.04
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	31.18	2.11
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	38.63	2.15
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	38.09	2.15
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	47.52	2.34
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	56.54	2.58
06 13 23 00-0019 Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)				
06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	8.21	1.66
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	10.79	1.73
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	13.39	1.80
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	18.67	1.92
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	22.91	2.04
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	14.69	1.88
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	18.50	1.97
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	26.44	2.11
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	32.58	2.15
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	23.61	2.04
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	33.88	2.11
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	42.06	2.15
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	41.44	2.15
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	51.75	2.34
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	61.66	2.58
06 13 23 00-0035 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)				
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	6.60	1.66
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	8.68	1.73
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	10.49	1.80
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	14.27	1.92
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	17.33	2.04
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	12.51	1.88
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	15.64	1.97
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	18.97	2.11
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	23.68	2.15
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	24.05	2.04
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	28.18	2.11
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	33.45	2.15
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	33.60	2.15
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	45.02	2.34
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	53.57	2.58
06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)				
06 13 23 00-0052 Pine, Heavy Timber Columns (06 13 23 00-0001)				
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	6.19	0.88
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	8.50	0.93
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	10.78	0.95
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	15.50	1.01
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	19.28	1.07
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	11.95	0.98
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	15.37	1.02
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	22.44	1.11
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	27.96	1.13
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	19.89	1.07
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	29.18	1.11
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	36.55	1.15
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	36.01	1.16
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	45.30	1.23
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	54.09	1.36
06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0001)				
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	6.64	0.88
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	9.17	0.93
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	11.68	0.95
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	16.85	1.01
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	20.97	1.07
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	12.94	0.98
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	16.67	1.02
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	24.44	1.11
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	30.54	1.13
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	21.67	1.07
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	31.88	1.11
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	39.98	1.15
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	39.36	1.16
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	49.53	1.23
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	59.21	1.36



Wood, Plastics, and Composites			06
Rough Carpentry			06 10
Heavy Timber Construction			06 13

06

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0051)			
06 13 23 00-0085	LF 4" x 4", Pressure Treated, Heavy Timber Column	5.03	0.88
06 13 23 00-0086	LF 4" x 6", Pressure Treated, Heavy Timber Column	7.06	0.93
06 13 23 00-0087	LF 4" x 8", Pressure Treated, Heavy Timber Column	8.78	0.95
06 13 23 00-0088	LF 4" x 10", Pressure Treated, Heavy Timber Column	12.45	1.01
06 13 23 00-0089	LF 4" x 12", Pressure Treated, Heavy Timber Column	15.39	1.07
06 13 23 00-0090	LF 6" x 6", Pressure Treated, Heavy Timber Column	10.76	0.98
06 13 23 00-0091	LF 6" x 8", Pressure Treated, Heavy Timber Column	13.81	1.02
06 13 23 00-0092	LF 6" x 10", Pressure Treated, Heavy Timber Column	16.97	1.11
06 13 23 00-0093	LF 6" x 12", Pressure Treated, Heavy Timber Column	21.64	1.13
06 13 23 00-0094	LF 8" x 8", Pressure Treated, Heavy Timber Column	22.11	1.07
06 13 23 00-0095	LF 8" x 10", Pressure Treated, Heavy Timber Column	26.18	1.11
06 13 23 00-0096	LF 8" x 12", Pressure Treated, Heavy Timber Column	31.37	1.15
06 13 23 00-0097	LF 10" x 10", Pressure Treated, Heavy Timber Column	31.52	1.16
06 13 23 00-0098	LF 10" x 12", Pressure Treated, Heavy Timber Column	42.80	1.23
06 13 23 00-0099	LF 12" x 12", Pressure Treated, Heavy Timber Column	51.12	1.36
06 15 Wood Decking (06 15)			
06 15 13 Wood Floor Decking (06 15)			
06 15 13 00-0001 Wood Deck Systems (06 15 13)			
Note: Includes the deck, joists, girders, posts 8' on-center, pickets and railing.			
06 15 13 00-0002 Pressure Treated Wood Deck System (06 15 13 00-0001)			
06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)			
06 15 13 00-0004	SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.90	6.57
06 15 13 00-0005	SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.27	6.24
06 15 13 00-0006	SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.87	6.74
06 15 13 00-0007	SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.31	6.40
06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)			
06 15 13 00-0009	SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	42.60	6.74
06 15 13 00-0010	SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.94	6.40
06 15 13 00-0011	SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.60	6.91
06 15 13 00-0012	SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	44.04	6.56
06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)			
06 15 13 00-0014	SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.90	6.57
06 15 13 00-0015	SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.27	6.24
06 15 13 00-0016	SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.87	6.74
06 15 13 00-0017	SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.31	6.40
06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)			
06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)			
06 15 13 00-0020	SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	46.22	6.57
06 15 13 00-0021	SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	45.83	6.06
06 15 13 00-0022	SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	49.54	6.74
06 15 13 00-0023	SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	48.59	6.40
06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)			
06 15 13 00-0025	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	50.95	6.74
06 15 13 00-0026	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	50.53	6.40
06 15 13 00-0027	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	54.58	6.91
06 15 13 00-0028	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	53.68	6.56
06 15 13 00-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)			
06 15 13 00-0030	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	48.36	6.57
06 15 13 00-0031	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	47.97	6.24
06 15 13 00-0032	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	51.80	6.74
06 15 13 00-0033	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	52.56	6.40
06 15 13 00-0034 Wood Ramp Systems (06 15 13)			
Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.			

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 15 13 00-0035	Pressure Treated Wood Ramp System (06 15 13 00-0034)		
06 15 13 00-0036	2" x 6" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0035)		
06 15 13 00-0037	SF 5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	45.56	6.40
06 15 13 00-0038	SF 5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	44.61	6.08
06 15 13 00-0039	SF 2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	47.60	6.57
06 15 13 00-0040	SF 2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	46.71	6.24
06 15 13 00-0041	2" x 8" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0035)		
06 15 13 00-0042	SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	47.28	6.57
06 15 13 00-0043	SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	46.33	6.24
06 15 13 00-0044	SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	49.42	6.74
06 15 13 00-0045	SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.53	6.40
06 15 13 00-0046	2" x 10" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0035)		
06 15 13 00-0047	SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	49.11	6.73
06 15 13 00-0048	SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	48.16	6.40
06 15 13 00-0049	SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	51.31	6.91
06 15 13 00-0050	SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	50.42	6.56
06 15 13 00-0051	Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0034)		
06 15 13 00-0052	2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0051)		
06 15 13 00-0053	SF 5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	50.56	6.40
06 15 13 00-0054	SF 5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	49.84	6.08
06 15 13 00-0055	SF 2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	53.87	6.57
06 15 13 00-0056	SF 2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	52.61	6.24
06 15 13 00-0057	2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0051)		
06 15 13 00-0058	SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	52.60	6.57
06 15 13 00-0059	SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	51.89	6.24
06 15 13 00-0060	SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	56.09	6.74
06 15 13 00-0061	SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	54.81	6.40
06 15 13 00-0062	2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0051)		
06 15 13 00-0063	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	57.49	6.73
06 15 13 00-0064	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	56.75	6.40
06 15 13 00-0065	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	61.30	6.91
06 15 13 00-0066	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	61.16	6.56
06 15 13 00-0067	Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0034)		
06 15 13 00-0068	2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0067)		
06 15 13 00-0069	SF 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	47.33	6.40
06 15 13 00-0070	SF 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	46.45	6.08
06 15 13 00-0071	SF 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	49.52	6.57
06 15 13 00-0072	SF 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	48.72	6.24
06 15 13 00-0073	2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0067)		
06 15 13 00-0074	SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	49.17	6.57
06 15 13 00-0075	SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.29	6.24
06 15 13 00-0076	SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	51.47	6.74
06 15 13 00-0077	SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	50.67	6.40
06 15 13 00-0078	2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0067)		
06 15 13 00-0079	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	51.16	6.73
06 15 13 00-0080	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	50.25	6.40
06 15 13 00-0081	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	53.48	6.91
06 15 13 00-0082	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	52.69	6.56
06 15 13 00-0083	Wood Stair Systems (06 15 13)		
	Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.		
06 15 13 00-0084	Pressure Treated Wood Stair System (06 15 13 00-0083)		
06 15 13 00-0085	2" x 10" Joists, Pressure Treated Wood Stair System (06 15 13 00-0084)		
06 15 13 00-0086	RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.62	15.76
06 15 13 00-0087	RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.21	14.97

**Wood, Plastics, and Composites****06**

Rough Carpentry

06 10

Wood Decking

06 15**06**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0088 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	140.41	16.17
06 15 13 00-0089 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	138.90	15.36
06 15 13 00-0090 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	142.40	16.56
06 15 13 00-0091 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.97	15.73
06 15 13 00-0092 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	147.42	16.98
06 15 13 00-0093 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	145.86	16.13
06 15 13 00-0094 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	149.21	17.38
06 15 13 00-0095 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	148.76	16.51
06 15 13 00-0096 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	154.49	17.83
06 15 13 00-0097 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	152.81	16.93
06 15 13 00-0098 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	159.91	18.25
06 15 13 00-0099 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	159.61	17.34
06 15 13 00-0100 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	165.60	18.72
06 15 13 00-0101 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	163.97	17.78
06 15 13 00-0102 2" x 12" Joists, Pressure Treated Wood Stair System (06 15 13 00-0084)		
06 15 13 00-0103 RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	138.11	16.16
06 15 13 00-0104 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	136.68	15.35
06 15 13 00-0105 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	143.27	16.57
06 15 13 00-0106 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	141.86	15.75
06 15 13 00-0107 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	145.01	16.97
06 15 13 00-0108 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	143.52	16.13
06 15 13 00-0109 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	150.44	17.40
06 15 13 00-0110 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	148.95	16.53
06 15 13 00-0111 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	151.96	17.81
06 15 13 00-0112 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	150.37	16.92
06 15 13 00-0113 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	157.63	18.27
06 15 13 00-0114 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	156.07	17.36
06 15 13 00-0115 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	162.83	18.71
06 15 13 00-0116 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	161.30	17.78
06 15 13 00-0117 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	168.95	19.19
06 15 13 00-0118 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	167.46	18.22
06 15 13 00-0119 Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0083)		
06 15 13 00-0120 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0119)		
06 15 13 00-0121 RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	165.18	15.76
06 15 13 00-0122 RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	164.50	14.97
06 15 13 00-0123 RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	171.81	16.17
06 15 13 00-0124 RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	171.23	15.36
06 15 13 00-0125 RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	173.44	16.56
06 15 13 00-0126 RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	172.73	15.73
06 15 13 00-0127 RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	180.40	16.98
06 15 13 00-0128 RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	179.80	16.13
06 15 13 00-0129 RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	181.64	17.38
06 15 13 00-0130 RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	180.89	16.51
06 15 13 00-0131 RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	188.94	17.83
06 15 13 00-0132 RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	188.28	16.93
06 15 13 00-0133 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	195.58	18.25
06 15 13 00-0134 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	194.96	17.34
06 15 13 00-0135 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	203.50	18.72
06 15 13 00-0136 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	202.99	17.78
06 15 13 00-0137 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0119)		
06 15 13 00-0138 RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	158.96	16.16
06 15 13 00-0139 RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	158.27	15.35
06 15 13 00-0140 RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	164.97	16.57
06 15 13 00-0141 RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	164.58	15.75
06 15 13 00-0142 RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	166.90	16.97
06 15 13 00-0143 RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	166.18	16.13
06 15 13 00-0144 RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	173.22	17.40
06 15 13 00-0145 RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	172.80	16.53
06 15 13 00-0146 RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	174.84	17.81
06 15 13 00-0147 RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	174.06	16.92
06 15 13 00-0148 RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	181.44	18.27
06 15 13 00-0149 RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	181.00	17.36
06 15 13 00-0150 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	188.00	18.71
06 15 13 00-0151 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	187.35	17.78
06 15 13 00-0152 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	195.14	19.19
06 15 13 00-0153 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	194.87	18.22
06 15 13 00-0154 Wood Deck And Ramp Systems Repairs (06 15 13)		
Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0155 Deck Joist Or Girt (06 15 13 00-0154)		
See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 15 13 00-0156 Deck Boards (06 15 13 00-0154)			
See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.			
06 15 13 00-0157	LF 5/4" x 4" Round Edge Pressure Treated Deck Boards.....	2.12	0.72
06 15 13 00-0158	LF 5/4" x 6" Round Edge Pressure Treated Deck Boards.....	2.30	0.86
06 15 13 00-0159	LF 2" x 4" Round Edge Pressure Treated Deck Boards.....	2.17	0.86
06 15 13 00-0160	LF 2" x 6" Round Edge Pressure Treated Deck Boards.....	2.96	0.99
06 15 13 00-0161	LF 2" x 8" Round Edge Pressure Treated Deck Boards.....	3.83	1.18
06 15 13 00-0162	LF 2" x 10" Round Edge Pressure Treated Deck Boards.....	4.70	1.45
06 15 13 00-0163	LF 2" x 12" Round Edge Pressure Treated Deck Boards.....	5.85	1.70
06 15 13 00-0164	LF 2" x 4" Round Edge Cedar Deck Boards.....	3.40	0.86
06 15 13 00-0165	LF 2" x 6" Round Edge Cedar Deck Boards.....	4.66	0.99
06 15 13 00-0166	LF 2" x 4" Round Edge Redwood Deck Boards.....	3.90	0.86
06 15 13 00-0167	LF 2" x 6" Round Edge Redwood Deck Boards.....	5.40	0.99

06 15 13 00-0168 Deck Posts (06 15 13 00-0154)			
See CSI section 06 11 16 00-0103 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.			
06 15 13 00-0169 Deck Railing And Pickets (06 15 13 00-0154)			
See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.			
06 15 13 00-0170	LF 2" x 4" Pressure Treated Deck Railing.....	2.17	0.86
06 15 13 00-0171	LF 2" x 2" Pressure Treated Deck Railing Picket.....	1.88	0.65
06 15 13 00-0172	LF 2" x 4" Cedar Deck Railing.....	3.40	0.86
06 15 13 00-0173	LF 2" x 2" Cedar Deck Railing Picket.....	2.56	0.65
06 15 13 00-0174	LF 2" x 4" Redwood Deck Railing.....	3.90	0.86
06 15 13 00-0175	LF 2" x 2" Redwood Deck Railing Picket.....	2.94	0.65

06 16 Sheathing (06 10)**06 16 23 Subflooring** (06 16)

06 16 23 00-0001 Board Type Subflooring (06 16 23)			
06 16 23 00-0002	SF 1" x 8" Regular Surface Board Type Subfloor.....	2.59	0.75
Note: 4 Sides Laid In A Regular Pattern.			
For Water Resistant Coating Or Treatment, Add		0.05	
For Foil Backing, Add		0.09	
For Tongue And Groove, Add		0.06	
06 16 23 00-0003	SF 1" x 8" Diagonal Surface Board Type Subfloor.....	2.91	0.94
Note: 4 Sides Laid In A Diagonal Pattern.			
For Water Resistant Coating Or Treatment, Add		0.06	
For Foil Backing, Add		0.09	
For Tongue And Groove, Add		0.06	
06 16 23 00-0004	SF 1" x 10" Regular Surface Board Type Subfloor.....	2.49	0.65
Note: 4 sides laid in a regular pattern.			
For Water Resistant Coating Or Treatment, Add		0.06	
For Foil Backing, Add		0.10	
For Tongue And Groove, Add		0.07	
06 16 23 00-0005	SF 1" x 10" Diagonal Surface Board Type Subfloor.....	2.70	0.75
Note: 4 sides laid in a diagonal pattern.			
For Water Resistant Coating Or Treatment, Add		0.06	
For Foil Backing, Add		0.10	
For Tongue And Groove, Add		0.07	

06 16 33 Wood Board Sheathing (06 16)

06 16 33 00-0001 Plywood (06 16 33)			
06 16 33 00-0002 Roof Decking (06 16 33 00-0001)			
06 16 33 00-0003	SF 3/8" Thick CDX Plywood Roof Decking.....	2.84	0.47
Note: Applied to wood rafters.			
For Shear Wall Construction, Add		0.22	
For Exterior CC Grade Plywood, Add		0.26	
For Application To Metal Studs, Joists, Or Rafters, Add		0.22	
For ACQ Preservative Treatment, Add		0.84	
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		1.65	
For Fire Retardant Treatment, Add		1.37	
For >1,696 To 3,200, Deduct		-0.10	
For >3,200 To 6,400, Deduct		-0.16	
For >6,400 To 12,800, Deduct		-0.22	
For >12,800, Deduct		-0.26	
06 16 33 00-0004	SF 1/2" Thick CDX Plywood Roof Decking.....	3.32	0.56
Note: Applied to wood rafters.			
For Shear Wall Construction, Add		0.24	
For Exterior CC Grade Plywood, Add		0.32	
For Application To Metal Studs, Joists, Or Rafters, Add		0.24	
For ACQ Preservative Treatment, Add		1.02	
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		1.80	
For Fire Retardant Treatment, Add		1.67	
For >1,696 To 3,200, Deduct		-0.13	
For >3,200 To 6,400, Deduct		-0.19	
For >6,400 To 12,800, Deduct		-0.26	
For >12,800, Deduct		-0.31	



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Sheathing			06 16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0005	SF		5/8" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For ACQ Preservative Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	3.56 0.26 0.34 0.26 1.09 1.94 1.79 -0.14 -0.20 -0.28 -0.34 0.16	0.56
06 16 33 00-0006	SF		3/4" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For ACQ Preservative Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	4.03 0.28 0.39 0.28 1.26 2.10 2.08 -0.16 -0.24 -0.32 -0.39 0.18	0.65
06 16 33 00-0007	SF		1" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For ACQ Preservative Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	5.08 0.31 0.53 0.31 1.70 2.30 2.80 -0.21 -0.32 -0.43 -0.50 0.25	0.75
06 16 33 00-0008			Wall Sheathing (06 16 33 00-0001)		
06 16 33 00-0009	SF		1/4" Interior BC Plywood Wall Sheathing..... Note: Applied to wall studs. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	3.12 0.28 0.26 0.28 0.14 2.10 1.36 -0.10 -0.15 -0.22 -0.28	0.65
06 16 33 00-0010	SF		5/16" Interior BC Plywood Wall Sheathing..... Note: Applied to wall studs. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	3.21 0.28 0.27 0.28 0.14 2.10 1.43 -0.11 -0.16 -0.23 -0.29	0.65
06 16 33 00-0011	SF		3/8" Interior BC Plywood Wall Sheathing..... Note: Applied to wall studs. For Shear Wall Construction, Add For Exterior CC Grade Plywood, Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add For Fire Retardant Treatment, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	3.38 0.28 0.30 0.28 0.14 2.10 1.56 -0.12 -0.18 -0.25 -0.31	0.75

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0012	SF		1/2" Interior BC Plywood Wall Sheathing	3.97	0.75
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.30	
			For Exterior CC Grade Plywood, Add	0.37	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
			For Ceiling Installation, Add	0.15	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.24	
			For Fire Retardant Treatment, Add	1.96	
			For >1,696 To 3,200, Deduct	-0.15	
			For >3,200 To 6,400, Deduct	-0.22	
			For >6,400 To 12,800, Deduct	-0.31	
			For >12,800, Deduct	-0.37	
06 16 33 00-0013	SF		5/8" Interior BC Plywood Wall Sheathing	4.18	0.85
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.32	
			For Exterior CC Grade Plywood, Add	0.39	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.32	
			For Ceiling Installation, Add	0.16	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.40	
			For Fire Retardant Treatment, Add	2.04	
			For >1,696 To 3,200, Deduct	-0.15	
			For >3,200 To 6,400, Deduct	-0.23	
			For >6,400 To 12,800, Deduct	-0.32	
			For >12,800, Deduct	-0.39	
06 16 33 00-0014	SF		3/4" Interior BC Plywood Wall Sheathing	4.68	0.94
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.35	
			For Exterior CC Grade Plywood, Add	0.44	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.35	
			For Ceiling Installation, Add	0.17	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.60	
			For Fire Retardant Treatment, Add	2.33	
			For >1,696 To 3,200, Deduct	-0.18	
			For >3,200 To 6,400, Deduct	-0.27	
			For >6,400 To 12,800, Deduct	-0.37	
			For >12,800, Deduct	-0.44	
06 16 33 00-0015			Floor Decking (06 16 33 00-0001)		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF		5/16" CD Grade Plywood Floor Decking	2.18	0.56
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.58	
			For Fire Retardant Treatment, Add	0.89	
			For >1,696 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.10	
			For >6,400 To 12,800, Deduct	-0.15	
			For >12,800, Deduct	-0.19	
			For ACQ Preservative Treatment, Add	0.54	
			For Fir Plywood, Add	0.21	
			For BC Grade Plywood, Add	0.17	
			For Exterior Glue, Add	0.11	
			For Marine Grade, Add	0.88	
06 16 33 00-0017	SF		3/8" CD Grade Plywood Floor Decking	2.54	0.56
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.67	
			For Fire Retardant Treatment, Add	1.13	
			For >1,696 To 3,200, Deduct	-0.09	
			For >3,200 To 6,400, Deduct	-0.13	
			For >6,400 To 12,800, Deduct	-0.19	
			For >12,800, Deduct	-0.23	
			For ACQ Preservative Treatment, Add	0.69	
			For Fir Plywood, Add	0.26	
			For BC Grade Plywood, Add	0.21	
			For Exterior Glue, Add	0.13	
			For Marine Grade, Add	1.12	
06 16 33 00-0018	SF		1/2" CD Grade Plywood Floor Decking	3.06	0.56
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.76	
			For Fire Retardant Treatment, Add	1.49	
			For >1,696 To 3,200, Deduct	-0.11	
			For >3,200 To 6,400, Deduct	-0.17	
			For >6,400 To 12,800, Deduct	-0.24	
			For >12,800, Deduct	-0.29	
			For ACQ Preservative Treatment, Add	0.91	
			For Fir Plywood, Add	0.35	
			For BC Grade Plywood, Add	0.28	
			For Exterior Glue, Add	0.18	
			For Marine Grade, Add	1.48	



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Sheathing			06 16	

MINOR		UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	
CSI				UNIT COST	UNIT COST	
06 16 33 00-0019	SF		5/8" CD Grade Plywood Floor Decking.....	3.24	0.56	
Note: Applied to floor or joists.						
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add				1.91		
For Fire Retardant Treatment, Add				1.56		
For >1,696 To 3,200, Deduct				-0.12		
For >3,200 To 6,400, Deduct				-0.18		
For >6,400 To 12,800, Deduct				-0.25		
For >12,800, Deduct				-0.30		
For ACQ Preservative Treatment, Add				0.95		
For Fir Plywood, Add				0.36		
For BC Grade Plywood, Add				0.29		
For Exterior Glue, Add				0.18		
For Marine Grade, Add				1.54		
06 16 33 00-0020	SF		3/4" CD Grade Plywood Floor Decking.....	3.87	0.56	
Note: Applied to floor or joists.						
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add				2.03		
For Fire Retardant Treatment, Add				1.99		
For >1,696 To 3,200, Deduct				-0.15		
For >3,200 To 6,400, Deduct				-0.23		
For >6,400 To 12,800, Deduct				-0.31		
For >12,800, Deduct				-0.37		
For ACQ Preservative Treatment, Add				1.21		
For Fir Plywood, Add				0.47		
For BC Grade Plywood, Add				0.37		
For Exterior Glue, Add				0.23		
For Marine Grade, Add				1.97		
06 16 33 00-0021	SF		1-1/8" CD Grade Plywood Floor Decking.....	6.37	0.85	
Note: Applied to floor or joists.						
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add				2.42		
For Fire Retardant Treatment, Add				3.76		
For >1,696 To 3,200, Deduct				-0.29		
For >3,200 To 6,400, Deduct				-0.43		
For >6,400 To 12,800, Deduct				-0.56		
For >12,800, Deduct				-0.65		
For ACQ Preservative Treatment, Add				2.28		
For Fir Plywood, Add				0.88		
For BC Grade Plywood, Add				0.70		
For Exterior Glue, Add				0.44		
For Marine Grade, Add				3.73		
06 16 33 00-0022	SF		1/2" AC Fir Plywood Floor Decking.....	4.20	0.56	
Note: Applied to floor or joists.						
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add				1.76		
For Fire Retardant Treatment, Add				2.39		
For >1,696 To 3,200, Deduct				-0.18		
For >3,200 To 6,400, Deduct				-0.27		
For >6,400 To 12,800, Deduct				-0.36		
For >12,800, Deduct				-0.42		
For ACQ Preservative Treatment, Add				1.45		
For Exterior Glue, Add				0.28		
For Marine Grade, Add				2.37		
For Tongue And Groove, Add				0.21		
06 16 33 00-0023	SF		5/8" AC Fir Plywood Floor Decking.....	4.33	0.56	
Note: Applied to floor or joists.						
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add				1.91		
For Fire Retardant Treatment, Add				2.42		
For >1,696 To 3,200, Deduct				-0.18		
For >3,200 To 6,400, Deduct				-0.28		
For >6,400 To 12,800, Deduct				-0.37		
For >12,800, Deduct				-0.43		
For ACQ Preservative Treatment, Add				1.47		
For Exterior Glue, Add				0.28		
For Marine Grade, Add				2.40		
For Tongue And Groove, Add				0.21		
06 16 33 00-0024	SF		3/4" AC Fir Plywood Floor Decking.....	4.67	0.56	
Note: Applied to floor or joists.						
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add				2.04		
For Fire Retardant Treatment, Add				2.61		
For >1,696 To 3,200, Deduct				-0.20		
For >3,200 To 6,400, Deduct				-0.30		
For >6,400 To 12,800, Deduct				-0.40		
For >12,800, Deduct				-0.47		
For ACQ Preservative Treatment, Add				1.59		
For Exterior Glue, Add				0.31		
For Marine Grade, Add				2.59		
For Tongue And Groove, Add				0.23		
06 16 33 00-0025	Underlayment Grade (06 16 33 00-0001)					
Note: Includes patching of seams and all fastener holes where necessary.						
06 16 33 00-0026	SF		1/4" Thick Plywood Underlayment BC Grade	2.41	0.56	
For Fire Retardant Treatment, Add				1.05		
For >1,696 To 3,200, Deduct				-0.08		
For >3,200 To 6,400, Deduct				-0.12		
For >6,400 To 12,800, Deduct				-0.15		
For >12,800, Deduct				-0.21		

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0027	SF		3/8" Thick Plywood Underlayment BC Grade.....	2.60	0.56
			For Fire Retardant Treatment, Add	1.15	
			For >1,696 To 3,200, Deduct	-0.09	
			For >3,200 To 6,400, Deduct	-0.13	
			For >6,400 To 12,800, Deduct	-0.16	
			For >12,800, Deduct	-0.23	
06 16 33 00-0028	SF		1/2" Thick Plywood Underlayment BC Grade.....	2.74	0.65
			For Fire Retardant Treatment, Add	1.25	
			For >1,696 To 3,200, Deduct	-0.09	
			For >3,200 To 6,400, Deduct	-0.14	
			For >6,400 To 12,800, Deduct	-0.17	
			For >12,800, Deduct	-0.25	
06 16 33 00-0029	SF		5/8" Thick Plywood Underlayment BC Grade.....	3.17	0.65
			For Fire Retardant Treatment, Add	1.49	
			For >1,696 To 3,200, Deduct	-0.11	
			For >3,200 To 6,400, Deduct	-0.17	
			For >6,400 To 12,800, Deduct	-0.20	
			For >12,800, Deduct	-0.29	
			For Tongue And Groove, Add	0.13	
06 16 33 00-0030	SF		3/4" Thick Plywood Underlayment BC Grade.....	3.56	0.65
			For Fire Retardant Treatment, Add	1.79	
			For >1,696 To 3,200, Deduct	-0.14	
			For >3,200 To 6,400, Deduct	-0.20	
			For >6,400 To 12,800, Deduct	-0.24	
			For >12,800, Deduct	-0.34	
			For Tongue And Groove, Add	0.16	
06 16 33 00-0031	SF		1-1/8" Thick Plywood Underlayment BC Grade	4.91	0.75
			For Fire Retardant Treatment, Add	2.73	
			For >1,696 To 3,200, Deduct	-0.21	
			For >3,200 To 6,400, Deduct	-0.31	
			For >6,400 To 12,800, Deduct	-0.35	
			For >12,800, Deduct	-0.49	
			For Tongue And Groove, Add	0.24	
06 16 33 00-0032	SF		3/8" Thick Plywood CDX Grade	2.92	0.56
			For Fire Retardant Treatment, Add	1.41	
			For >1,696 To 3,200, Deduct	-0.11	
			For >3,200 To 6,400, Deduct	-0.16	
			For >6,400 To 12,800, Deduct	-0.19	
			For >12,800, Deduct	-0.27	
06 16 33 00-0033	SF		5/8" Thick Plywood CDX Grade	3.96	0.65
			For Fire Retardant Treatment, Add	2.13	
			For >1,696 To 3,200, Deduct	-0.16	
			For >3,200 To 6,400, Deduct	-0.24	
			For >6,400 To 12,800, Deduct	-0.27	
			For >12,800, Deduct	-0.39	
06 16 33 00-0034			Oriented Strand Board (06 16 33)		
06 16 33 00-0035			On Roof (06 16 33 00-0034)		
06 16 33 00-0036	SF		3/8" Thick Structural Oriented Strand Board On Roof.....	2.11	0.56
			For >1,408 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.09	
			For >6,400 To 12,800, Deduct	-0.14	
			For >12,800, Deduct	-0.18	
			For Fire Retardant Treatment, Add	0.80	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.65	
06 16 33 00-0037	SF		1/2" Thick Structural Oriented Strand Board On Roof.....	2.38	0.56
			For >1,408 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.11	
			For >6,400 To 12,800, Deduct	-0.16	
			For >12,800, Deduct	-0.20	
			For Fire Retardant Treatment, Add	0.93	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.80	
06 16 33 00-0038	SF		5/8" Thick Structural Oriented Strand Board On Roof.....	3.00	0.65
			For >1,408 To 3,200, Deduct	-0.10	
			For >3,200 To 6,400, Deduct	-0.15	
			For >6,400 To 12,800, Deduct	-0.22	
			For >12,800, Deduct	-0.27	
			For Fire Retardant Treatment, Add	1.35	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.94	
06 16 33 00-0039	SF		3/4" Thick Structural Oriented Strand Board On Roof.....	3.68	0.65
			For >1,408 To 3,200, Deduct	-0.14	
			For >3,200 To 6,400, Deduct	-0.21	
			For >6,400 To 12,800, Deduct	-0.29	
			For >12,800, Deduct	-0.34	
			For Fire Retardant Treatment, Add	1.80	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.10	
06 16 33 00-0040			On Walls (06 16 33 00-0034)		



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Sheathing			06 16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0041	SF		3/8" Thick Structural Oriented Strand Board On Walls.....	2.41	0.65
			For >1,408 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.09	
			For >6,400 To 12,800, Deduct	-0.15	
			For >12,800, Deduct	-0.19	
			For Fire Retardant Treatment, Add	0.80	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.10	
06 16 33 00-0042	SF		1/2" Thick Structural Oriented Strand Board On Walls.....	2.67	0.75
			For >1,408 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.11	
			For >6,400 To 12,800, Deduct	-0.17	
			For >12,800, Deduct	-0.22	
			For Fire Retardant Treatment, Add	0.93	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.24	
06 16 33 00-0043	SF		5/8" Thick Structural Oriented Strand Board On Walls.....	3.31	0.85
			For >1,408 To 3,200, Deduct	-0.10	
			For >3,200 To 6,400, Deduct	-0.15	
			For >6,400 To 12,800, Deduct	-0.23	
			For >12,800, Deduct	-0.29	
			For Fire Retardant Treatment, Add	1.35	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.40	
06 16 33 00-0044	SF		3/4" Thick Structural Oriented Strand Board On Walls.....	4.01	0.85
			For >1,408 To 3,200, Deduct	-0.14	
			For >3,200 To 6,400, Deduct	-0.21	
			For >6,400 To 12,800, Deduct	-0.29	
			For >12,800, Deduct	-0.36	
			For Fire Retardant Treatment, Add	1.80	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.60	
06 16 33 00-0045			On Floors (06 16 33 00-0034)		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF		3/8" Thick Structural Oriented Strand Board On Floors.....	2.14	0.56
			For >1,408 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.09	
			For >6,400 To 12,800, Deduct	-0.14	
			For >12,800, Deduct	-0.18	
			For Fire Retardant Treatment, Add	0.80	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.70	
06 16 33 00-0047	SF		1/2" Thick Structural Oriented Strand Board On Floors.....	2.53	0.65
			For >1,408 To 3,200, Deduct	-0.07	
			For >3,200 To 6,400, Deduct	-0.11	
			For >6,400 To 12,800, Deduct	-0.16	
			For >12,800, Deduct	-0.21	
			For Fire Retardant Treatment, Add	0.93	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.03	
06 16 33 00-0048	SF		5/8" Thick Structural Oriented Strand Board On Floors.....	3.18	0.75
			For >1,408 To 3,200, Deduct	-0.10	
			For >3,200 To 6,400, Deduct	-0.15	
			For >6,400 To 12,800, Deduct	-0.22	
			For >12,800, Deduct	-0.28	
			For Fire Retardant Treatment, Add	1.35	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.21	
06 16 33 00-0049	SF		3/4" Thick Structural Oriented Strand Board On Floors.....	3.88	0.85
			For >1,408 To 3,200, Deduct	-0.14	
			For >3,200 To 6,400, Deduct	-0.21	
			For >6,400 To 12,800, Deduct	-0.29	
			For >12,800, Deduct	-0.35	
			For Fire Retardant Treatment, Add	1.80	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.40	
06 16 33 00-0050			Particle Board (06 16 33)		
06 16 33 00-0051			Particle Board Floor Decking (06 16 33 00-0050)		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF		3/8" Particle Board Floor Decking.....	1.54	0.47
			Note: Applied to plywood subfloor.		
			For Fire Retardant Treatment Add	0.35	
			For >1,536 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.08	
			For >12,800, Deduct	-0.11	
			For Tongue And Groove, Add	0.03	
06 16 33 00-0053	SF		1/2" Particle Board Floor Decking.....	1.77	0.47
			Note: Applied to plywood subfloor.		
			For Fire Retardant Treatment Add	0.47	
			For >1,536 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.05	
			For >6,400 To 12,800, Deduct	-0.10	
			For >12,800, Deduct	-0.13	
			For Tongue And Groove, Add	0.04	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0054 SF 5/8" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >1,536 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add 06 16 33 00-0055 SF 3/4" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >1,536 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	1.99 0.60 -0.05 -0.07 -0.11 -0.15 0.05 2.19 0.70 -0.05 -0.08 -0.13 -0.17 0.06	0.56 0.56
06 16 43 Gypsum Sheathing (06 16)		
06 16 43 00-0001 Exterior Gypsum Sheathing (06 16 43) Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002 SF 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold) For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct 06 16 43 00-0003 SF 5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold) For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	2.42 2.24 0.30 0.15 -0.06 -0.08 -0.14 -0.19 2.61 2.40 0.32 0.16 -0.06 -0.09 -0.15 -0.20	0.75 0.94
06 17 Shop-Fabricated Structural Wood (06 10)		
06 17 13 Laminated Veneer Lumber (06 17)		
06 17 13 00-0001 Laminated Veneer Lumber (LVL) (06 17 13)		
06 17 13 00-0002 LF 1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0003 LF 1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0004 LF 1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0005 LF 1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0006 LF 1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0007 LF 1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0008 LF 1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL) 06 17 13 00-0009 LF 1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	10.45 11.79 13.35 15.34 16.80 18.83 21.84 30.95	1.62 1.65 1.67 1.70 1.73 1.78 1.81 2.06
06 17 23 Parallel Strand Lumber (06 17)		
06 17 23 00-0001 Laminated Strand Lumber (LSL) (06 17 23)		
06 17 23 00-0002 LF 2" x 4" Laminated Strand Lumber (LSL) 06 17 23 00-0003 LF 2" x 6" Laminated Strand Lumber (LSL)	3.68 5.35	0.75 0.79
06 17 33 Wood I-Joists (06 17)		
06 17 33 00-0001 Prefabricated Wood I-Joists (06 17 33)		
06 17 33 00-0002 LF 9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length For I-Joists 30' To 40' In Length, Add For I-Joists >40' In Length, Add 06 17 33 00-0003 LF 11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length For I-Joists 30' To 40' In Length, Add For I-Joists >40' In Length, Add 06 17 33 00-0004 LF 14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length For I-Joists 30' To 40' In Length, Add For I-Joists >40' In Length, Add 06 17 33 00-0005 LF 16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length For I-Joists 30' To 40' In Length, Add For I-Joists >40' In Length, Add	6.46 0.48 1.19 6.86 0.54 1.32 8.17 0.61 1.49 9.25 0.68 1.66	1.10 1.23 1.39 1.53
06 17 43 Rim Boards (06 17)		
06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board (06 17 43)		
06 17 43 00-0002 LF 1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board 06 17 43 00-0003 LF 1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board 06 17 43 00-0004 LF 1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	7.62 8.65 9.87	1.67 1.70 1.73



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Shop-Fabricated Structural Wood			06 17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 17 53 Shop-Fabricated Wood Trusses (06 17)

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses (06 17 53)

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	207.38	64.48
			For Up To 15, Add	5.88	
			For >35, Deduct	-3.92	
			For 3 In 12 Slope, Add	2.35	
			For 5 In 12 Slope, Add	6.27	
			For 6 In 12 Slope, Add	11.76	
			For 7 In 12 Slope, Add	15.68	
			For 8 In 12 Slope, Add	18.82	
06 17 53 00-0003	EA	12'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	232.83	70.63
			For Up To 15, Add	6.87	
			For >35, Deduct	-4.58	
			For 3 In 12 Slope, Add	2.75	
			For 5 In 12 Slope, Add	7.33	
			For 6 In 12 Slope, Add	13.74	
			For 7 In 12 Slope, Add	18.31	
			For 8 In 12 Slope, Add	21.98	
06 17 53 00-0004	EA	14'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	263.73	76.76
			For Up To 15, Add	8.26	
			For >35, Deduct	-5.51	
			For 3 In 12 Slope, Add	3.31	
			For 5 In 12 Slope, Add	8.82	
			For 6 In 12 Slope, Add	16.53	
			For 7 In 12 Slope, Add	22.04	
			For 8 In 12 Slope, Add	26.45	
06 17 53 00-0005	EA	16'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	309.01	82.91
			For Up To 15, Add	10.74	
			For >35, Deduct	-7.16	
			For 3 In 12 Slope, Add	4.30	
			For 5 In 12 Slope, Add	11.46	
			For 6 In 12 Slope, Add	21.48	
			For 7 In 12 Slope, Add	28.64	
			For 8 In 12 Slope, Add	34.37	
06 17 53 00-0006	EA	18'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	346.02	89.06
			For Up To 15, Add	12.59	
			For >35, Deduct	-8.40	
			For 3 In 12 Slope, Add	5.04	
			For 5 In 12 Slope, Add	13.43	
			For 6 In 12 Slope, Add	25.19	
			For 7 In 12 Slope, Add	33.58	
			For 8 In 12 Slope, Add	40.30	
06 17 53 00-0007	EA	20'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	353.32	98.26
			For Up To 15, Add	11.76	
			For >35, Deduct	-7.84	
			For 3 In 12 Slope, Add	4.70	
			For 5 In 12 Slope, Add	12.54	
			For 6 In 12 Slope, Add	23.52	
			For 7 In 12 Slope, Add	31.36	
			For 8 In 12 Slope, Add	37.63	
06 17 53 00-0008	EA	22'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	370.19	156.61
			For Up To 15, Add	12.10	
			For >35, Deduct	-8.07	
			For 3 In 12 Slope, Add	4.84	
			For 5 In 12 Slope, Add	12.91	
			For 6 In 12 Slope, Add	24.21	
			For 7 In 12 Slope, Add	32.27	
			For 8 In 12 Slope, Add	38.73	
06 17 53 00-0009	EA	24'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	396.15	110.54
			For Up To 15, Add	13.13	
			For >35, Deduct	-8.75	
			For 3 In 12 Slope, Add	5.25	
			For 5 In 12 Slope, Add	14.00	
			For 6 In 12 Slope, Add	26.26	
			For 7 In 12 Slope, Add	35.01	
			For 8 In 12 Slope, Add	42.01	
06 17 53 00-0010	EA	26'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope	423.59	175.04
			For Up To 15, Add	14.27	
			For >35, Deduct	-9.51	
			For 3 In 12 Slope, Add	5.71	
			For 5 In 12 Slope, Add	15.22	
			For 6 In 12 Slope, Add	28.53	
			For 7 In 12 Slope, Add	38.04	
			For 8 In 12 Slope, Add	45.65	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0011	EA		28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	453.01	122.83
			For Up To 15, Add	15.55	
			For >35, Deduct	-10.37	
			For 3 In 12 Slope, Add	6.22	
			For 5 In 12 Slope, Add	16.59	
			For 6 In 12 Slope, Add	31.10	
			For 7 In 12 Slope, Add	41.47	
			For 8 In 12 Slope, Add	49.76	
06 17 53 00-0012	EA		30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	471.88	193.46
			For Up To 15, Add	16.04	
			For >35, Deduct	-10.70	
			For 3 In 12 Slope, Add	6.42	
			For 5 In 12 Slope, Add	17.11	
			For 6 In 12 Slope, Add	32.09	
			For 7 In 12 Slope, Add	42.79	
			For 8 In 12 Slope, Add	51.34	
06 17 53 00-0013	EA		32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	499.38	132.04
			For Up To 15, Add	17.65	
			For >35, Deduct	-11.77	
			For 3 In 12 Slope, Add	7.06	
			For 5 In 12 Slope, Add	18.82	
			For 6 In 12 Slope, Add	35.30	
			For 7 In 12 Slope, Add	47.06	
			For 8 In 12 Slope, Add	56.47	
06 17 53 00-0014	EA		34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	558.51	207.34
			For Up To 15, Add	21.16	
			For >35, Deduct	-14.11	
			For 3 In 12 Slope, Add	8.46	
			For 5 In 12 Slope, Add	22.57	
			For 6 In 12 Slope, Add	42.32	
			For 7 In 12 Slope, Add	56.43	
			For 8 In 12 Slope, Add	67.71	
06 17 53 00-0015	EA		36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	586.86	141.26
			For Up To 15, Add	22.83	
			For >35, Deduct	-15.22	
			For 3 In 12 Slope, Add	9.13	
			For 5 In 12 Slope, Add	24.35	
			For 6 In 12 Slope, Add	45.65	
			For 7 In 12 Slope, Add	60.87	
			For 8 In 12 Slope, Add	73.04	
06 17 53 00-0016	EA		38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	619.93	221.10
			For Up To 15, Add	24.38	
			For >35, Deduct	-16.26	
			For 3 In 12 Slope, Add	9.75	
			For 5 In 12 Slope, Add	26.01	
			For 6 In 12 Slope, Add	48.77	
			For 7 In 12 Slope, Add	65.03	
			For 8 In 12 Slope, Add	78.03	
06 17 53 00-0017	EA		40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	639.18	153.54
			For Up To 15, Add	24.91	
			For >35, Deduct	-16.61	
			For 3 In 12 Slope, Add	9.96	
			For 5 In 12 Slope, Add	26.57	
			For 6 In 12 Slope, Add	49.82	
			For 7 In 12 Slope, Add	66.42	
			For 8 In 12 Slope, Add	79.70	
06 17 53 00-0018	EA		42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	721.67	239.52
			For Up To 15, Add	30.17	
			For >35, Deduct	-20.12	
			For 3 In 12 Slope, Add	12.07	
			For 5 In 12 Slope, Add	32.18	
			For 6 In 12 Slope, Add	60.35	
			For 7 In 12 Slope, Add	80.46	
			For 8 In 12 Slope, Add	96.55	
06 17 53 00-0019	EA		44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	802.27	165.82
			For Up To 15, Add	35.30	
			For >35, Deduct	-23.53	
			For 3 In 12 Slope, Add	14.12	
			For 5 In 12 Slope, Add	37.65	
			For 6 In 12 Slope, Add	70.59	
			For 7 In 12 Slope, Add	94.13	
			For 8 In 12 Slope, Add	112.95	
06 17 53 00-0020	EA		46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	829.72	171.97
			For Up To 15, Add	36.43	
			For >35, Deduct	-24.29	
			For 3 In 12 Slope, Add	14.57	
			For 5 In 12 Slope, Add	38.86	
			For 6 In 12 Slope, Add	72.87	
			For 7 In 12 Slope, Add	97.16	
			For 8 In 12 Slope, Add	116.59	



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Shop-Fabricated Structural Wood			06 17	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	875.50	178.10
		For Up To 15, Add	38.95	
		For >35, Deduct	-25.96	
		For 3 In 12 Slope, Add	15.58	
		For 5 In 12 Slope, Add	41.54	
		For 6 In 12 Slope, Add	77.89	
		For 7 In 12 Slope, Add	103.86	
		For 8 In 12 Slope, Add	124.63	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,033.20	184.25
		For Up To 15, Add	49.85	
		For >35, Deduct	-33.24	
		For 3 In 12 Slope, Add	19.94	
		For 5 In 12 Slope, Add	53.18	
		For 6 In 12 Slope, Add	99.71	
		For 7 In 12 Slope, Add	132.94	
		For 8 In 12 Slope, Add	159.53	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	963.01	165.70
		For Up To 15, Add	44.59	
		For >35, Deduct	-29.73	
		For 3 In 12 Slope, Add	17.84	
		For 5 In 12 Slope, Add	47.56	
		For 6 In 12 Slope, Add	89.18	
		For 7 In 12 Slope, Add	118.90	
		For 8 In 12 Slope, Add	142.68	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,010.15	193.46
		For Up To 15, Add	46.74	
		For >35, Deduct	-31.16	
		For 3 In 12 Slope, Add	18.70	
		For 5 In 12 Slope, Add	49.86	
		For 6 In 12 Slope, Add	93.48	
		For 7 In 12 Slope, Add	124.65	
		For 8 In 12 Slope, Add	149.58	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,053.07	179.33
		For Up To 15, Add	49.04	
		For >35, Deduct	-32.69	
		For 3 In 12 Slope, Add	19.62	
		For 5 In 12 Slope, Add	52.31	
		For 6 In 12 Slope, Add	98.08	
		For 7 In 12 Slope, Add	130.77	
		For 8 In 12 Slope, Add	156.93	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,095.51	202.67
		For Up To 15, Add	51.76	
		For >35, Deduct	-34.51	
		For 3 In 12 Slope, Add	20.71	
		For 5 In 12 Slope, Add	55.21	
		For 6 In 12 Slope, Add	103.53	
		For 7 In 12 Slope, Add	138.03	
		For 8 In 12 Slope, Add	165.64	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,120.36	205.74
		For Up To 15, Add	53.17	
		For >35, Deduct	-35.44	
		For 3 In 12 Slope, Add	21.27	
		For 5 In 12 Slope, Add	56.71	
		For 6 In 12 Slope, Add	106.33	
		For 7 In 12 Slope, Add	141.77	
		For 8 In 12 Slope, Add	170.13	
06 17 53 00-0028		Pre-Assembled Wood Gable End Roof Trusses (06 17 53) Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	217.34	64.48
		For 3 In 12 Slope, Add	2.65	
		For 5 In 12 Slope, Add	7.07	
		For 6 In 12 Slope, Add	13.26	
		For 7 In 12 Slope, Add	17.67	
		For 8 In 12 Slope, Add	21.21	
		For 16" On Center Gable Studs, Add	17.67	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	244.48	70.63
		For 3 In 12 Slope, Add	3.10	
		For 5 In 12 Slope, Add	8.26	
		For 6 In 12 Slope, Add	15.48	
		For 7 In 12 Slope, Add	20.64	
		For 8 In 12 Slope, Add	24.77	
		For 16" On Center Gable Studs, Add	20.64	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	277.74	76.76
		For 3 In 12 Slope, Add	3.73	
		For 5 In 12 Slope, Add	9.94	
		For 6 In 12 Slope, Add	18.63	
		For 7 In 12 Slope, Add	24.84	
		For 8 In 12 Slope, Add	29.81	
		For 16" On Center Gable Studs, Add	24.84	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	327.21	82.91
			For 3 In 12 Slope, Add	4.84	
			For 5 In 12 Slope, Add	12.91	
			For 6 In 12 Slope, Add	24.21	
			For 7 In 12 Slope, Add	32.28	
			For 8 In 12 Slope, Add	38.73	
			For 16" On Center Gable Studs, Add	32.28	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	367.37	89.06
			For 3 In 12 Slope, Add	5.68	
			For 5 In 12 Slope, Add	15.14	
			For 6 In 12 Slope, Add	28.39	
			For 7 In 12 Slope, Add	37.85	
			For 8 In 12 Slope, Add	45.42	
			For 16" On Center Gable Studs, Add	37.85	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	395.68	98.26
			For 3 In 12 Slope, Add	5.97	
			For 5 In 12 Slope, Add	15.93	
			For 6 In 12 Slope, Add	29.87	
			For 7 In 12 Slope, Add	39.83	
			For 8 In 12 Slope, Add	47.80	
			For 16" On Center Gable Studs, Add	39.83	
06 17 53 00-0035	EA		22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	413.77	104.41
			For 3 In 12 Slope, Add	6.15	
			For 5 In 12 Slope, Add	16.40	
			For 6 In 12 Slope, Add	30.74	
			For 7 In 12 Slope, Add	40.99	
			For 8 In 12 Slope, Add	49.19	
			For 16" On Center Gable Studs, Add	40.99	
06 17 53 00-0036	EA		24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	443.43	110.54
			For 3 In 12 Slope, Add	6.67	
			For 5 In 12 Slope, Add	17.79	
			For 6 In 12 Slope, Add	33.35	
			For 7 In 12 Slope, Add	44.47	
			For 8 In 12 Slope, Add	53.36	
			For 16" On Center Gable Studs, Add	44.47	
06 17 53 00-0037	EA		26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	474.95	116.69
			For 3 In 12 Slope, Add	7.25	
			For 5 In 12 Slope, Add	19.33	
			For 6 In 12 Slope, Add	36.24	
			For 7 In 12 Slope, Add	48.31	
			For 8 In 12 Slope, Add	57.98	
			For 16" On Center Gable Studs, Add	48.31	
06 17 53 00-0038	EA		28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	509.02	122.83
			For 3 In 12 Slope, Add	7.90	
			For 5 In 12 Slope, Add	21.07	
			For 6 In 12 Slope, Add	39.50	
			For 7 In 12 Slope, Add	52.67	
			For 8 In 12 Slope, Add	63.21	
			For 16" On Center Gable Studs, Add	52.67	
06 17 53 00-0039	EA		30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	531.98	128.97
			For 3 In 12 Slope, Add	8.22	
			For 5 In 12 Slope, Add	21.92	
			For 6 In 12 Slope, Add	41.10	
			For 7 In 12 Slope, Add	54.81	
			For 8 In 12 Slope, Add	65.77	
			For 16" On Center Gable Studs, Add	54.81	
06 17 53 00-0040	EA		32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	565.52	132.04
			For 3 In 12 Slope, Add	9.04	
			For 5 In 12 Slope, Add	24.12	
			For 6 In 12 Slope, Add	45.22	
			For 7 In 12 Slope, Add	60.29	
			For 8 In 12 Slope, Add	72.35	
			For 16" On Center Gable Studs, Add	60.29	
06 17 53 00-0041	EA		34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	637.78	138.19
			For 3 In 12 Slope, Add	10.84	
			For 5 In 12 Slope, Add	28.91	
			For 6 In 12 Slope, Add	54.21	
			For 7 In 12 Slope, Add	72.28	
			For 8 In 12 Slope, Add	86.74	
			For 16" On Center Gable Studs, Add	72.28	
06 17 53 00-0042	EA		36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	672.39	141.26
			For 3 In 12 Slope, Add	11.70	
			For 5 In 12 Slope, Add	31.19	
			For 6 In 12 Slope, Add	58.48	
			For 7 In 12 Slope, Add	77.98	
			For 8 In 12 Slope, Add	93.57	
			For 16" On Center Gable Studs, Add	77.98	
06 17 53 00-0043	EA		38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	711.29	147.39
			For 3 In 12 Slope, Add	12.49	
			For 5 In 12 Slope, Add	33.32	
			For 6 In 12 Slope, Add	62.47	
			For 7 In 12 Slope, Add	83.30	
			For 8 In 12 Slope, Add	99.96	
			For 16" On Center Gable Studs, Add	83.30	



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Shop-Fabricated Structural Wood			06 17	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	759.30	153.54
		For 3 In 12 Slope, Add	13.57	
		For 5 In 12 Slope, Add	36.18	
		For 6 In 12 Slope, Add	67.83	
		For 7 In 12 Slope, Add	90.44	
		For 8 In 12 Slope, Add	108.53	
		For 16" On Center Gable Studs, Add	90.44	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	867.20	159.69
		For 3 In 12 Slope, Add	16.44	
		For 5 In 12 Slope, Add	43.83	
		For 6 In 12 Slope, Add	82.18	
		For 7 In 12 Slope, Add	109.57	
		For 8 In 12 Slope, Add	131.48	
		For 16" On Center Gable Studs, Add	109.57	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	972.51	165.82
		For 3 In 12 Slope, Add	19.23	
		For 5 In 12 Slope, Add	51.27	
		For 6 In 12 Slope, Add	96.13	
		For 7 In 12 Slope, Add	128.17	
		For 8 In 12 Slope, Add	153.81	
		For 16" On Center Gable Studs, Add	128.17	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,005.44	171.97
		For 3 In 12 Slope, Add	19.85	
		For 5 In 12 Slope, Add	52.92	
		For 6 In 12 Slope, Add	99.23	
		For 7 In 12 Slope, Add	132.30	
		For 8 In 12 Slope, Add	158.76	
		For 16" On Center Gable Studs, Add	132.30	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,063.31	178.10
		For 3 In 12 Slope, Add	21.21	
		For 5 In 12 Slope, Add	56.57	
		For 6 In 12 Slope, Add	106.07	
		For 7 In 12 Slope, Add	141.42	
		For 8 In 12 Slope, Add	169.70	
		For 16" On Center Gable Studs, Add	141.42	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,179.88	184.25
		For 3 In 12 Slope, Add	24.34	
		For 5 In 12 Slope, Add	64.91	
		For 6 In 12 Slope, Add	121.71	
		For 7 In 12 Slope, Add	162.28	
		For 8 In 12 Slope, Add	194.73	
		For 16" On Center Gable Studs, Add	162.28	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,202.99	190.39
		For 3 In 12 Slope, Add	24.67	
		For 5 In 12 Slope, Add	65.78	
		For 6 In 12 Slope, Add	123.33	
		For 7 In 12 Slope, Add	164.44	
		For 8 In 12 Slope, Add	197.33	
		For 16" On Center Gable Studs, Add	164.44	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,248.86	193.46
		For 3 In 12 Slope, Add	25.86	
		For 5 In 12 Slope, Add	68.96	
		For 6 In 12 Slope, Add	129.29	
		For 7 In 12 Slope, Add	172.39	
		For 8 In 12 Slope, Add	206.87	
		For 16" On Center Gable Studs, Add	172.39	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,303.48	199.60
		For 3 In 12 Slope, Add	27.13	
		For 5 In 12 Slope, Add	72.34	
		For 6 In 12 Slope, Add	135.64	
		For 7 In 12 Slope, Add	180.86	
		For 8 In 12 Slope, Add	217.03	
		For 16" On Center Gable Studs, Add	180.86	
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,359.81	202.67
		For 3 In 12 Slope, Add	28.63	
		For 5 In 12 Slope, Add	76.36	
		For 6 In 12 Slope, Add	143.17	
		For 7 In 12 Slope, Add	190.89	
		For 8 In 12 Slope, Add	229.07	
		For 16" On Center Gable Studs, Add	190.89	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,391.84	205.74
		For 3 In 12 Slope, Add	29.41	
		For 5 In 12 Slope, Add	78.43	
		For 6 In 12 Slope, Add	147.05	
		For 7 In 12 Slope, Add	196.07	
		For 8 In 12 Slope, Add	235.28	
		For 16" On Center Gable Studs, Add	196.07	

06 18 Glued-Laminated Construction (06 10)

06 18 13 Glued-Laminated Beams (06 18)

06 18 13 00-0001 Glue Laminated Straight Beams (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	13.82	2.61
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	17.27	3.26

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 18 Glued-Laminated Construction**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam.....	20.72	3.91
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam.....	21.87	4.13
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam.....	24.17	4.56
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam.....	27.62	5.21
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam.....	31.09	5.87
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam.....	32.24	6.09
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam.....	34.54	6.53
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam.....	36.82	6.96
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam.....	37.99	7.18
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam.....	41.44	7.84
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam.....	44.89	8.50
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam.....	48.34	9.15
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam.....	51.82	9.80
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam.....	21.71	4.11
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam.....	27.13	5.13
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam.....	32.56	6.16
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam.....	34.37	6.51
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam.....	37.99	7.18
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam.....	43.42	8.21
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam.....	48.84	9.24
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam.....	50.64	9.58
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam.....	54.27	10.25
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam.....	57.87	10.94
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam.....	59.70	11.29
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam.....	65.13	12.31
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam.....	70.56	13.34
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam.....	75.98	14.36
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam.....	81.40	15.40
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam.....	86.83	16.41
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam.....	39.98	7.55
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam.....	42.18	7.97
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam.....	46.61	8.82
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam.....	53.29	10.07
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam.....	59.95	11.34
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam.....	62.15	11.75
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam.....	66.60	12.59
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam.....	71.04	13.43
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam.....	73.27	13.85
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam.....	79.91	15.11
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam.....	86.57	16.37
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam.....	93.25	17.62
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam.....	99.89	18.89
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam.....	106.55	20.15
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam.....	51.82	9.80
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam.....	54.67	10.33
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam.....	60.43	11.43
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam.....	69.06	13.06
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam.....	77.71	14.69
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam.....	80.57	15.23
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam.....	86.32	16.32
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam.....	92.08	17.41
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam.....	94.98	17.95
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam.....	103.60	19.58
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam.....	112.23	21.22
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam.....	120.87	22.86
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam.....	129.50	24.49
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam.....	138.13	26.12

06 18 13 00-0061 Glue Laminated Decking (06 18 13)

06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	6.90	1.60
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	6.98	1.60
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	7.01	1.51

06 18 16 Glued-Laminated Columns (06 18)**06 18 16 00-0001 Glue Laminated Structural Units** (06 18 16)

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column.....	22.21	3.28
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column.....	25.06	3.64
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column.....	45.45	7.78
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column.....	50.60	8.15

06 20 Finish Carpentry (06)**06 22 Millwork** (06 20)**06 22 13 Standard Pattern Wood Trim** (06 22)



Wood, Plastics, and Composites		06	06
Finish Carpentry		06 20	
Millwork		06 22	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) (06 22 13)		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.73 0.35	0.93
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.87 0.35	0.75
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.68 0.35	0.75
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip For Curved Surfaces With A 2'-0" Maximum Radius, Add	4.15 0.35	0.75
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) (06 22 13)		
06 22 13 00-0007		White Pine (06 22 13 00-0006)		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	13.03 3.02 4.24 1.68 1.07 1.09	3.25
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	17.53 4.31 5.94 2.39 1.28 1.55	3.90
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	6.21 0.90 1.49 0.50 0.86 0.32	2.23
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	7.12 1.22 1.90 0.68 0.86 0.44	2.23
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	9.37 1.70 2.59 0.94 1.07 0.61	2.78
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	10.86 2.24 3.26 1.24 1.07 0.81	2.78
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	13.51 2.86 4.13 1.59 1.28 1.03	3.35
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	6.45 0.98 1.60 0.55 0.86 0.35	2.60
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	5.46 0.96 1.48 0.54 0.64 0.35	1.95
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	8.33 2.00 2.78 1.11 0.64 0.72	1.95
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	3.21 0.46 0.77 0.25 0.45 0.17	1.12
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding For Birch, Add For Mahogany, Oak, Maple Or Walnut, Add For Poplar, Add For Curved Surfaces With A 2'-0" Maximum Radius, Add For Stain Grade Material (No Finger Joints), Add	3.53 0.57 0.91 0.32 0.45 0.21	1.12

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 22 Millwork**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0020	LF		5/8" x 5/8" White Pine Cove Molding.....	4.72	1.39
			For Birch, Add	0.86	
			For Mahogany, Oak, Maple Or Walnut, Add	1.31	
			For Poplar, Add	0.48	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
			For Stain Grade Material (No Finger Joints), Add	0.31	
06 22 13 00-0021	LF		3/4" x 3/4" White Pine Cove Molding.....	4.72	1.39
			For Birch, Add	0.86	
			For Mahogany, Oak, Maple Or Walnut, Add	1.31	
			For Poplar, Add	0.48	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
			For Stain Grade Material (No Finger Joints), Add	0.31	
06 22 13 00-0022	LF		15/16" x 15/16" White Pine Cove Molding.....	6.17	1.39
			For Birch, Add	1.39	
			For Mahogany, Oak, Maple Or Walnut, Add	1.96	
			For Poplar, Add	0.77	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
			For Stain Grade Material (No Finger Joints), Add	0.50	
06 22 13 00-0023	LF		7-1/2" Wide Mullion Covers.....	41.16	1.67
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06 22 13 00-0024	LF		Three Piece Mullion Trim, 2 Cove Moldings.....	52.18	1.67
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06 22 13 00-0025			Cedar Trim (06 22 13 00-0006)		
06 22 13 00-0026	LF		2" x 4" Cedar Ceiling Trim.....	10.84	4.69
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.55	
06 22 13 00-0027			Oak Trim (06 22 13 00-0006)		
06 22 13 00-0028	LF		1" x 8" Clear Oak Ceiling Trim.....	11.33	4.32
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.44	
06 22 13 00-0029			Closet Poles (06 22 13)		
06 22 13 00-0030	LF		1-1/8" Diameter Pine Closet Poles.....	7.75	2.42
06 22 13 00-0031	LF		1-5/8" Diameter Pine Closet Poles.....	11.65	2.42
06 22 13 00-0032	LF		2" Diameter Pine Closet Poles.....	16.08	2.69
06 25			Prefinished Paneling (06 20)		
06 25 16			Prefinished Plywood Paneling (06 25)		
06 25 16 00-0001			Hardboard Panels (06 25 16)		
			Note: Excludes furring and trim.		
06 25 16 00-0002			Tempered Hardboard Panels (06 25 16 00-0001)		
06 25 16 00-0003	SF		1/4" Tempered Hardboard Panels.....	4.79	1.68
			For Waterproof Glue, Add	0.07	
			For Ceiling Installation, Add	1.15	
			For Glue Laminated Installation, Add	0.24	
			For 1/8" Thick Paneling, Deduct	-0.43	
			For 1/2" Thick Paneling, Add	0.98	
			For 5/8" Thick Paneling, Add	1.18	
			For 3/4" Thick Paneling, Add	1.44	
			For Fire Retardant Treatment (Class I), Add	0.76	
06 25 16 00-0004	SF		1/4" Plastic Faced Tempered Hardboard Panels.....	5.37	2.06
			For Waterproof Glue, Add	0.06	
			For Ceiling Installation, Add	1.35	
			For Glue Laminated Installation, Add	0.27	
			For 1/8" Thick Paneling, Deduct	-0.46	
			For 1/2" Thick Paneling, Add	1.01	
			For 5/8" Thick Paneling, Add	1.20	
			For 3/4" Thick Paneling, Add	1.44	
			For Fire Retardant Treatment (Class I), Add	0.70	
06 25 16 00-0005	SF		1/4" Pegboard Tempered Hardboard Panels.....	5.44	1.68
			For Waterproof Glue, Add	0.11	
			For Ceiling Installation, Add	1.15	
			For Glue Laminated Installation, Add	0.27	
			For 1/8" Thick Paneling, Deduct	-0.54	
			For 1/2" Thick Paneling, Add	1.33	
			For 5/8" Thick Paneling, Add	1.67	
			For 3/4" Thick Paneling, Add	2.10	
			For Fire Retardant Treatment (Class I), Add	1.27	
06 25 16 00-0006	SF		1/4" Plastic Faced Pegboard Tempered Hardboard.....	5.56	2.06
			For Waterproof Glue, Add	0.07	
			For Ceiling Installation, Add	1.35	
			For Glue Laminated Installation, Add	0.28	
			For 1/8" Thick Paneling, Deduct	-0.49	
			For 1/2" Thick Paneling, Add	1.12	
			For 5/8" Thick Paneling, Add	1.34	
			For 3/4" Thick Paneling, Add	1.63	
			For Fire Retardant Treatment (Class I), Add	0.85	



Wood, Plastics, and Composites			06
Finish Carpentry			06 20
Prefinished Paneling			06 25

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0007 Untempered Hardboard Panels (06 25 16 00-0001)		
06 25 16 00-0008 SF 1/4" Untempered Hardboard Panels	4.58	1.68
For Waterproof Glue, Add	0.05	
For Glue Laminated Installation, Add	0.23	
For Lumber Core, Add	0.08	
For Fire Retardant Treatment (Class I), Add	0.59	
06 40 Architectural Woodwork (06)		
06 41 Architectural Wood Casework (06 40)		
06 41 13 Wood-Veneer-Faced Architectural Cabinets (06 41)		
06 41 13 00-0001 Wall And Base Cabinets (06 41 13)		
Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.		
06 41 13 00-0002 Solid Maple Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0001)		
06 41 13 00-0003 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0002)		
06 41 13 00-0004 EA 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	262.47	18.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0005 EA 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	278.88	23.22
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0006 EA 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	291.40	27.87
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0007 EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	306.26	32.52
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0008 EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	346.93	37.16
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0009 EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	362.26	41.81
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0010 EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	391.11	46.45
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0011 EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	411.59	51.09
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0012 EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	424.35	55.74
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0013 EA 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	483.07	74.33
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0014 EA 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	531.56	46.45
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0015 EA 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	589.25	55.74
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0016 EA 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	557.27	46.45
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0017 EA 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	621.23	55.74
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0018 EA 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	266.23	18.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
For All Plywood Box Construction, Add	77.12	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0019	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	272.61	23.22
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0020	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	297.04	27.87
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0021	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	315.66	32.52
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0022	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	328.75	37.16
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0023	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	344.70	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0024	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	556.01	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0025	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	585.90	51.09
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0026	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	615.59	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0027	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	323.92	18.58
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0028	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	330.92	23.22
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0029	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	358.49	27.87
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0030	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	380.87	32.52
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0031	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	400.22	37.16
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0032	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	419.94	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0033	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	582.35	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0034	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	615.37	51.09
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0035	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	649.44	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0036			Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0002)		
06 41 13 00-0037	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	236.76	46.45
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0038	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	251.91	51.09
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0039	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	277.42	55.74
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0040	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	294.97	60.39
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0041			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0002)		
06 41 13 00-0042	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	201.25	18.58
			For All Plywood Box Construction, Add	41.38	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0043	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	206.24	23.22	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0044	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	216.25	27.87	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0045	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	221.87	32.52	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0046	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	228.12	37.16	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0047	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	238.75	46.45	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0048	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	255.04	51.09	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0049	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	277.42	55.74	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0050	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	294.97	60.39	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0051 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0002)					
06 41 13 00-0052	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	208.77	18.58	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0053	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	219.41	23.22	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0054	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	227.54	27.87	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0055	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	236.29	32.52	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0056	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	248.18	37.16	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0057	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	261.65	41.83	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0058	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	273.87	46.45	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0059	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	283.88	51.09	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0060	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	289.96	55.74	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0061 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0002)					
06 41 13 00-0062	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	229.34	18.58	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0063	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	248.78	23.22	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0064	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	264.87	27.87	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0065	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	284.09	32.52	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0066	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	302.71	37.16	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0067	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	330.58	41.83	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0068	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	338.41	46.45	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0069	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	368.01	51.09	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0070	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	378.78	55.74	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0071 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0002)					
06 41 13 00-0072	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	256.30	18.58	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0073	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	277.00	23.22	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0074	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	294.97	27.87	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0075	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	315.44	32.52	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0076	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	367.29	37.16	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0077	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	369.46	41.83	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0078	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	382.30	46.45	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0079	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	416.91	51.09	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0080	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	427.68	55.74	
		For All Plywood Box Construction, Add	41.38		
06 41 13 00-0081 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0002)					

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0082 EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	284.51	18.58
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0083 EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	309.60	23.22
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0084 EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	328.83	27.87
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0085 EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	348.67	32.52
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0086 EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	378.58	37.16
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0087 EA 27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	403.32	41.83
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0088 EA 30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	423.68	46.45
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0089 EA 33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	462.68	51.09
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0090 EA 36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	476.59	55.74
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0091 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0002)		
06 41 13 00-0092 EA 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	271.35	46.45
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0093 EA 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	290.58	51.09
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0094 EA 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	311.49	55.74
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0095 EA 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	335.87	60.39
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0096 EA 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet.....	394.18	74.33
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0097 Utility Cabinets, 84" High (06 41 13 00-0002)		
06 41 13 00-0098 EA 15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	522.34	41.29
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0099 EA 18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	589.27	49.55
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0100 EA 21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	660.60	388.14
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0101 EA 24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	694.93	66.07
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0102 EA 30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	835.22	82.58
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0103 EA 36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	959.21	99.10
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0104 EA 15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	586.30	41.29
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0105 EA 18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	647.58	49.55
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0106 EA 21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	737.09	57.81
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0107 EA 24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	783.34	66.07
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0108 EA 30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	965.01	82.58
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0109 EA 36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	1,099.66	99.10
For All Plywood Box Construction, Add	152.99	
06 41 13 00-0110 Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0001)		
06 41 13 00-0111 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0110)		
06 41 13 00-0112 EA 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer		
Front, Base Cabinet.....	238.02	18.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0113 EA 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer		
Front, Base Cabinet.....	252.55	23.22
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0114 EA 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer		
Front, Base Cabinet.....	263.81	27.87
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0115 EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer		
Front, Base Cabinet.....	277.42	32.52
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	
06 41 13 00-0116 EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer		
Front, Base Cabinet.....	313.07	37.16
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
For All Plywood Box Construction, Add	77.12	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0117	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	327.15	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	73.99	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0118	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	352.24	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	73.99	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0119	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	370.84	51.09
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	73.99	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0120	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	382.34	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	73.99	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0121	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	434.79	74.33
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	147.97	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0122	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	476.38	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	147.97	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0123	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	527.18	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	147.97	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0124	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	498.96	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0125	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	555.39	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0126	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	241.78	18.58
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0127	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	247.53	23.22
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0128	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	268.83	27.87
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0129	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	285.57	32.52
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0130	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	297.40	37.16
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0131	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	311.47	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0132	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	497.70	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0133	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	523.82	51.09
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0134	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	550.38	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	221.96	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0135	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	291.94	18.58
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0136	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	298.95	23.22
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0137	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	323.38	27.87
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0138	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	343.25	32.52
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0139	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	360.10	37.16
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0140	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	377.93	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	
06 41 13 00-0141	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	520.90	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	295.94	
			For All Plywood Box Construction, Add.....	77.12	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0142	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	550.16 295.94 77.12	51.09
06 41 13 00-0143	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	580.47 295.94 77.12	55.74
06 41 13 00-0144 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0145	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	215.45 41.38	46.45
06 41 13 00-0146	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	228.71 41.38	51.09
06 41 13 00-0147	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	251.71 41.38	55.74
06 41 13 00-0148	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	267.38 41.38	60.39
06 41 13 00-0149 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0150	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	183.69 41.38	18.58
06 41 13 00-0151	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	188.06 41.38	23.22
06 41 13 00-0152	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	196.82 41.38	27.87
06 41 13 00-0153	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	202.43 41.38	32.52
06 41 13 00-0154	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	208.05 41.38	37.16
06 41 13 00-0155	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	217.44 41.38	46.45
06 41 13 00-0156	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	231.84 41.38	51.09
06 41 13 00-0157	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	251.71 41.38	55.74
06 41 13 00-0158	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	267.38 41.38	60.39
06 41 13 00-0159 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0160	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	189.96 41.38	18.58
06 41 13 00-0161	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	199.35 41.38	23.22
06 41 13 00-0162	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	206.85 41.38	27.87
06 41 13 00-0163	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	214.97 41.38	32.52
06 41 13 00-0164	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	225.61 41.38	37.16
06 41 13 00-0165	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	237.82 41.38	41.83
06 41 13 00-0166	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	248.16 41.38	46.45
06 41 13 00-0167	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	257.54 41.38	51.09
06 41 13 00-0168	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	262.99 41.38	55.74
06 41 13 00-0169 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0170	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	209.90 41.38	18.58
06 41 13 00-0171	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	227.46 41.38	23.22
06 41 13 00-0172	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	241.67 41.38	27.87
06 41 13 00-0173	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	258.38 41.38	32.52
06 41 13 00-0174	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	275.12 41.38	37.16
06 41 13 00-0175	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	299.86 41.38	41.83
06 41 13 00-0176	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	307.06 41.38	46.45
06 41 13 00-0177	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	332.90 41.38	51.09
06 41 13 00-0178	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	343.04 41.38	55.74
06 41 13 00-0179 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0110)				



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

06

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0180	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	233.73 41.38	18.58
06 41 13 00-0181	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	251.92 41.38	23.22
06 41 13 00-0182	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	268.01 41.38	27.87
06 41 13 00-0183	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	285.97 41.38	32.52
06 41 13 00-0184	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	332.18 41.38	37.16
06 41 13 00-0185	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	333.72 41.38	41.83
06 41 13 00-0186	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	345.31 41.38	46.45
06 41 13 00-0187	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	376.16 41.38	51.09
06 41 13 00-0188	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	385.67 41.38	55.74
06 41 13 00-0189 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0110)				
06 41 13 00-0190	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	258.18 41.38	18.58
06 41 13 00-0191	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	280.76 41.38	23.22
06 41 13 00-0192	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	298.10 41.38	27.87
06 41 13 00-0193	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	315.44 41.38	32.52
06 41 13 00-0194	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	342.21 41.38	37.16
06 41 13 00-0195	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	363.81 41.38	41.83
06 41 13 00-0196	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	381.67 41.38	46.45
06 41 13 00-0197	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	416.29 41.38	51.09
06 41 13 00-0198	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	428.94 41.38	55.74
06 41 13 00-0199 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0110)				
06 41 13 00-0200	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	246.90 41.38	46.45
06 41 13 00-0201	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	264.25 41.38	51.09
06 41 13 00-0202	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	282.65 41.38	55.74
06 41 13 00-0203	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	304.52 41.38	60.39
06 41 13 00-0204	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	355.94 41.38	74.33
06 41 13 00-0205 Utility Cabinets, 84" High (06 41 13 00-0110)				
06 41 13 00-0206	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	477.20 152.99	41.29
06 41 13 00-0207	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	537.86 152.99	49.55
06 41 13 00-0208	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	602.29 152.99	388.14
06 41 13 00-0209	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	634.11 152.99	66.07
06 41 13 00-0210	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	758.73 152.99	82.58
06 41 13 00-0211	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	869.55 152.99	99.10
06 41 13 00-0212	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	533.63 152.99	41.29
06 41 13 00-0213	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	589.27 152.99	49.55
06 41 13 00-0214	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	669.38 152.99	57.81
06 41 13 00-0215	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	711.86 152.99	66.07
06 41 13 00-0216	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	872.84 152.99	82.58
06 41 13 00-0217	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	993.07 152.99	99.10
06 41 13 00-0218 Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets (06 41 13 00-0001)				

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0219	Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0218)			
06 41 13 00-0220	EA 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	238.02	18.58	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0221	EA 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	252.55	23.22	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0222	EA 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	263.81	27.87	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0223	EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	277.42	32.52	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0224	EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	313.07	37.16	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0225	EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	327.15	41.81	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0226	EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	352.24	46.45	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0227	EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	370.84	51.09	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0228	EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	382.34	55.74	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0229	EA 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	434.79	74.33	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0230	EA 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	476.38	46.45	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0231	EA 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	527.18	55.74	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0232	EA 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	498.96	46.45	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0233	EA 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	555.39	55.74	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0234	EA 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	241.78	18.58	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0235	EA 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	247.53	23.22	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0236	EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	268.83	27.87	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0237	EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	285.57	32.52	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0238	EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	297.40	37.16	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0239	EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	311.47	41.81	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		
06 41 13 00-0240	EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	497.70	46.45	
	For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96		
	For All Plywood Box Construction, Add	77.12		



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0241	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 221.96 77.12	523.82	51.09
06 41 13 00-0242	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 221.96 77.12	550.38	55.74
06 41 13 00-0243	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 291.94 295.94 77.12	291.94	18.58
06 41 13 00-0244	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 298.95 295.94 77.12	298.95	23.22
06 41 13 00-0245	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 323.38 295.94 77.12	323.38	27.87
06 41 13 00-0246	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 343.25 295.94 77.12	343.25	32.52
06 41 13 00-0247	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 360.10 295.94 77.12	360.10	37.16
06 41 13 00-0248	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 377.93 295.94 77.12	377.93	41.81
06 41 13 00-0249	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 520.90 295.94 77.12	520.90	46.45
06 41 13 00-0250	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 550.16 295.94 77.12	550.16	51.09
06 41 13 00-0251	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i> 580.47 295.94 77.12	580.47	55.74
06 41 13 00-0252			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0253	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 215.45 41.38	215.45	46.45
06 41 13 00-0254	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 228.71 41.38	228.71	51.09
06 41 13 00-0255	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 251.71 41.38	251.71	55.74
06 41 13 00-0256	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 267.38 41.38	267.38	60.39
06 41 13 00-0257			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0258	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 183.69 41.38	183.69	18.58
06 41 13 00-0259	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 188.06 41.38	188.06	23.22
06 41 13 00-0260	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 196.82 41.38	196.82	27.87
06 41 13 00-0261	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 202.43 41.38	202.43	32.52
06 41 13 00-0262	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 208.05 41.38	208.05	37.16
06 41 13 00-0263	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 217.44 41.38	217.44	46.45
06 41 13 00-0264	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 231.84 41.38	231.84	51.09
06 41 13 00-0265	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 251.71 41.38	251.71	55.74
06 41 13 00-0266	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 267.38 41.38	267.38	60.39
06 41 13 00-0267			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0268	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 189.96 41.38	189.96	18.58
06 41 13 00-0269	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i> 199.35 41.38	199.35	23.22

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0270 EA 18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	206.85	27.87
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0271 EA 21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	214.97	32.52
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0272 EA 24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	225.61	37.16
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0273 EA 27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	237.82	41.83
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0274 EA 30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	248.16	46.45
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0275 EA 33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	257.54	51.09
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0276 EA 36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	262.99	55.74
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0277 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0278 EA 12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	209.90	18.58
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0279 EA 15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	227.46	23.22
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0280 EA 18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	241.67	27.87
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0281 EA 21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	258.38	32.52
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0282 EA 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	275.12	37.16
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0283 EA 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	299.86	41.83
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0284 EA 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	307.06	46.45
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0285 EA 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	332.90	51.09
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0286 EA 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	343.04	55.74
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0287 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0288 EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	233.73	18.58
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0289 EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	251.92	23.22
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0290 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	268.01	27.87
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0291 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	285.97	32.52
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0292 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	332.18	37.16
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0293 EA 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	333.72	41.83
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0294 EA 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	345.31	46.45
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0295 EA 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	376.16	51.09
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0296 EA 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	385.67	55.74
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0297 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0218)		
06 41 13 00-0298 EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	258.18	18.58
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0299 EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	280.76	23.22
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0300 EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	298.10	27.87
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0301 EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	315.44	32.52
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0302 EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	342.21	37.16
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0303 EA 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	363.81	41.83
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0304 EA 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	381.67	46.45
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0305 EA 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	416.29	51.09
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0306 EA 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	428.94	55.74
For All Plywood Box Construction, Add	41.38	
06 41 13 00-0307 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0218)		
06 41 13 00-0308 EA 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	246.90	46.45
For All Plywood Box Construction, Add	41.38	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

06

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0309	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	264.25	51.09
		For All Plywood Box Construction, Add	41.38	
06 41 13 00-0310	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	282.65	55.74
		For All Plywood Box Construction, Add	41.38	
06 41 13 00-0311	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	304.52	60.39
		For All Plywood Box Construction, Add	41.38	
06 41 13 00-0312	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	355.94	74.33
		For All Plywood Box Construction, Add	41.38	
06 41 13 00-0313 Utility Cabinets, 84" High (06 41 13 00-0218)				
06 41 13 00-0314	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	477.20	41.29
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0315	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	537.86	49.55
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0316	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	602.29	388.14
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0317	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	634.11	66.07
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0318	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	758.73	82.58
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0319	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	869.55	99.10
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0320	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	533.63	41.29
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0321	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	589.27	49.55
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0322	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	669.38	57.81
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0323	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	711.86	66.07
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0324	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	872.84	82.58
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0325	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	993.07	99.10
		For All Plywood Box Construction, Add	152.99	
06 41 13 00-0326 Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets (06 41 13 00-0001)				
06 41 13 00-0327 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0326)				
06 41 13 00-0328	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	238.02	18.58
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0329	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	252.55	23.22
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0330	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	263.81	27.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0331	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	277.42	32.52
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0332	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	313.07	37.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0333	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	327.15	41.81
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0334	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	352.24	46.45
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0335	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	370.84	51.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0336	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	382.34	55.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	73.99	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0337	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	434.79	74.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97	
		For All Plywood Box Construction, Add	77.12	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	476.38	46.45
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97	
		For All Plywood Box Construction, Add	77.12	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0339	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	527.18	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	147.97	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0340	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	498.96	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0341	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	555.39	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0342	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	241.78	18.58
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0343	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	247.53	23.22
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0344	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	268.83	27.87
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0345	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	285.57	32.52
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0346	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	297.40	37.16
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0347	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	311.47	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0348	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	497.70	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0349	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	523.82	51.09
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0350	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	550.38	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	221.96	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0351	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	291.94	18.58
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0352	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	298.95	23.22
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0353	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	323.38	27.87
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0354	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	343.25	32.52
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0355	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	360.10	37.16
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0356	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	377.93	41.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0357	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	520.90	46.45
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0358	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	550.16	51.09
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	
06 41 13 00-0359	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	580.47	55.74
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	295.94	
			For All Plywood Box Construction, Add	77.12	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0360			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0361	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	215.45	46.45
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0362	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	228.71	51.09
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0363	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	251.71	55.74
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0364	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	267.38	60.39
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0365			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0366	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	183.69	18.58
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0367	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	188.06	23.22
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0368	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	196.82	27.87
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0369	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	202.43	32.52
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0370	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	208.05	37.16
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0371	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	217.44	46.45
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0372	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	231.84	51.09
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0373	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	251.71	55.74
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0374	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	267.38	60.39
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0375			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0376	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	189.96	18.58
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0377	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	199.35	23.22
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0378	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	206.85	27.87
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0379	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	214.97	32.52
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0380	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	225.61	37.16
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0381	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	237.82	41.83
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0382	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	248.16	46.45
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0383	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	257.54	51.09
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0384	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	262.99	55.74
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0385			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0326)		
06 41 13 00-0386	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	209.90	18.58
			For All Plywood Box Construction, Add	41.38	
06 41 13 00-0387	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	227.46	23.22
			For All Plywood Box Construction, Add	41.38	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0388	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	241.67	27.87
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0389	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	258.38	32.52
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0390	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	275.12	37.16
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0391	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	299.86	41.83
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0392	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	307.06	46.45
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0393	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	332.90	51.09
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0394	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	343.04	55.74
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0395 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0326)				
06 41 13 00-0396	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	233.73	18.58
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0397	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	251.92	23.22
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0398	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	268.01	27.87
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0399	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	285.97	32.52
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0400	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	332.18	37.16
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0401	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	333.72	41.83
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0402	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	345.31	46.45
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0403	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	376.16	51.09
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0404	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	385.67	55.74
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0405 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0326)				
06 41 13 00-0406	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	258.18	18.58
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0407	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	280.76	23.22
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0408	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	298.10	27.87
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0409	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	315.44	32.52
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0410	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	342.21	37.16
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0411	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	363.81	41.83
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0412	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	381.67	46.45
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0413	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	416.29	51.09
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0414	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	428.94	55.74
		<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0415 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0326)				



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0416	EA		30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	246.90	46.45
			<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0417	EA		33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	264.25	51.09
			<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0418	EA		36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	282.65	55.74
			<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0419	EA		39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	304.52	60.39
			<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0420	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	355.94	74.33
			<i>For All Plywood Box Construction, Add</i>	41.38	
06 41 13 00-0421 Utility Cabinets, 84" High (06 41 13 00-0326)					
06 41 13 00-0422	EA		15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	477.20	41.29
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0423	EA		18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	537.86	49.55
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0424	EA		21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	602.29	388.14
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0425	EA		24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	634.11	66.07
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0426	EA		30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	758.73	82.58
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0427	EA		36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	869.55	99.10
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0428	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	533.63	41.29
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0429	EA		18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	589.27	49.55
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0430	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	669.38	57.81
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0431	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	711.86	66.07
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0432	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	872.84	82.58
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0433	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	993.07	99.10
			<i>For All Plywood Box Construction, Add</i>	152.99	
06 41 13 00-0434 Removal And Reinstallation Of Cabinet Or Counters (06 41 13)					
			Note: Includes storage, cleaning and supply materials. Any height or width.		
06 41 13 00-0435	LF		Removal And Reinstallation Of Wood Base Cabinets.....	71.08	
06 41 13 00-0436	LF		Removal And Reinstallation Of Wall Cabinets.....	61.81	
06 41 13 00-0437	LF		Removal And Reinstallation Of Plastic Laminated Countertops.....	14.37	
06 41 93 Cabinet and Drawer Hardware (06 41)					
06 41 93 00-0001 Cabinet Hardware (06 41 93)					
			Note: Includes all finishes, and mounting screws.		
06 41 93 00-0002	EA		4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....	22.71	7.90
06 41 93 00-0003	EA		7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	23.48	7.90
06 41 93 00-0004	EA		10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	24.82	7.90
06 41 93 00-0005	EA		3" To 4-1/2", Flat Cabinet Pull Handle.....	26.32	7.90
06 41 93 00-0006	EA		5" To 6-1/2", Flat Cabinet Pull Handle.....	27.09	7.90
06 41 93 00-0007	EA		7" To 8-1/2", Flat Cabinet Pull Handle.....	35.35	7.90
06 41 93 00-0008	EA		12" To 12-1/2", Flat Cabinet Pull Handle.....	69.55	7.90
06 41 93 00-0009	EA		1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....	17.74	6.04
06 41 93 00-0010	EA		3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....	17.60	6.04
06 41 93 00-0011	EA		1-1/4" Long, Finger Cabinet Pull.....	24.01	6.97
06 41 93 00-0012	EA		3" Long, Finger Cabinet Pull.....	27.61	6.97
06 41 93 00-0013	EA		4" Long, Finger Cabinet Pull.....	30.07	6.97
06 41 93 00-0014	EA		6" Long, Finger Cabinet Pull.....	33.43	6.97
06 41 93 00-0015	EA		12" Long, Finger Cabinet Pull.....	49.04	6.97
06 41 93 00-0016	EA		Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	35.07	9.29
06 41 93 00-0017	EA		Cabinet Surface Mounted Square or Matchbook Latch.....	51.66	9.29
06 41 93 00-0018	EA		Cabinet Door or Drawer Mortised Lock With 2 Keys.....	123.98	13.94

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	46.21	7.90
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	31.08	7.90
06 42 Wood Paneling (06 40)				
Note: Includes glue for installation.				
06 42 13 Wood Board Paneling (06 42)				
06 42 13 00-0001		Solid Wood Paneling (06 42 13)		
06 42 13 00-0002		7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)		
06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	11.61	1.95
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	12.36	1.95
06 42 13 00-0005		7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)		
06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	10.88	1.85
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	10.08	1.85
06 42 13 00-0008		1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)		
06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	13.85	1.95
06 42 13 00-0010		1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)		
06 42 13 00-0011	SF	1" Terebo (Driftwood) Wood Shiplap	8.38	1.67
06 42 16 Flush Wood Paneling (06 42)				
06 42 16 00-0001		Veneer Hardboard Panels (06 42 16)		
06 42 16 00-0002	SF	1/4" Maple Veneer Paneling	5.34	1.68
		For Waterproof Glue, Add	0.11	
		For Ceiling Installation, Add	1.15	
06 42 16 00-0003		Plywood Unfinished With Trim 1/4" Thick (06 42 16)		
06 42 16 00-0004		Birch (06 42 16 00-0003)		
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	7.04	1.50
		For Waterproof Glue, Add	0.26	
		For Ceiling Installation, Add	1.01	
		For Installation On Metal Studs Or Furring, Add	0.37	
		For Glue Laminated Installation, Add	0.35	
		For Lumber Core, Add	0.40	
		For 1/8" Thick Paneling, Deduct	-0.85	
		For 1/2" Thick Paneling, Add	2.39	
		For 5/8" Thick Paneling, Add	3.16	
		For 3/4" Thick Paneling, Add	4.15	
		For Fire Retardant Treatment (Class I), Add	2.90	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	7.30	1.50
		For Waterproof Glue, Add	0.28	
		For Ceiling Installation, Add	1.01	
		For Installation On Metal Studs Or Furring, Add	0.37	
		For Glue Laminated Installation, Add	0.37	
		For Lumber Core, Add	0.43	
		For 1/8" Thick Paneling, Deduct	-0.89	
		For 1/2" Thick Paneling, Add	2.53	
		For 5/8" Thick Paneling, Add	3.35	
		For 3/4" Thick Paneling, Add	4.41	
		For Fire Retardant Treatment (Class I), Add	3.10	
06 42 16 00-0007		Knotty Pine (06 42 16 00-0003)		
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	8.58	1.68
		For Waterproof Glue, Add	0.34	
		For Ceiling Installation, Add	1.13	
		For Installation On Metal Studs Or Furring, Add	0.41	
		For Glue Laminated Installation, Add	0.43	
		For Lumber Core, Add	0.53	
		For 1/8" Thick Paneling, Deduct	-1.07	
		For 1/2" Thick Paneling, Add	3.06	
		For 5/8" Thick Paneling, Add	4.07	
		For 3/4" Thick Paneling, Add	5.38	
		For Fire Retardant Treatment (Class I), Add	3.82	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Wood Paneling			06 42

06

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	8.37	1.68
		For Waterproof Glue, Add	0.32	
		For Ceiling Installation, Add	1.13	
		For Installation On Metal Studs Or Furring, Add	0.41	
		For Glue Laminated Installation, Add	0.42	
		For Lumber Core, Add	0.51	
		For 1/8" Thick Paneling, Deduct	-1.03	
		For 1/2" Thick Paneling, Add	2.94	
		For 5/8" Thick Paneling, Add	3.92	
		For 3/4" Thick Paneling, Add	5.16	
		For Fire Retardant Treatment (Class I), Add	3.65	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) (06 42 16 00-0003)	7.31	1.88
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	7.31	1.88
		For Waterproof Glue, Add	0.22	
		For Ceiling Installation, Add	1.27	
		For Installation On Metal Studs Or Furring, Add	0.46	
		For Glue Laminated Installation, Add	0.37	
		For Lumber Core, Add	0.34	
		For 1/8" Thick Paneling, Deduct	-0.81	
		For 1/2" Thick Paneling, Add	2.18	
		For 5/8" Thick Paneling, Add	2.82	
		For 3/4" Thick Paneling, Add	3.66	
		For Fire Retardant Treatment (Class I), Add	2.44	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.01	1.88
		For Waterproof Glue, Add	0.06	
		For Ceiling Installation, Add	1.27	
		For Installation On Metal Studs Or Furring, Add	0.46	
		For Glue Laminated Installation, Add	0.25	
		For Lumber Core, Add	0.09	
		For 1/8" Thick Paneling, Deduct	-0.43	
		For 1/2" Thick Paneling, Add	0.93	
		For 5/8" Thick Paneling, Add	1.10	
		For 3/4" Thick Paneling, Add	1.31	
		For Fire Retardant Treatment (Class I), Add	0.62	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)	7.84	1.68
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	7.84	1.68
		For Flitch Matched Veneer, Add	2.05	
		For Second Grade Veneer, Deduct	-0.41	
		For Third Grade Veneer, Deduct	-0.61	
		For Waterproof Glue, Add	0.29	
		For Ceiling Installation, Add	1.13	
		For Installation On Metal Studs Or Furring, Add	0.41	
		For Glue Laminated Installation, Add	0.39	
		For Lumber Core, Add	0.45	
		For 1/8" Thick Paneling, Deduct	-0.95	
		For 1/2" Thick Paneling, Add	2.66	
		For 5/8" Thick Paneling, Add	3.52	
		For 3/4" Thick Paneling, Add	4.62	
		For Fire Retardant Treatment (Class I), Add	3.23	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	9.67	1.68
		For Flitch Matched Veneer, Add	2.96	
		For Second Grade Veneer, Deduct	-0.59	
		For Third Grade Veneer, Deduct	-0.89	
		For Waterproof Glue, Add	0.41	
		For Ceiling Installation, Add	1.13	
		For Installation On Metal Studs Or Furring, Add	0.41	
		For Glue Laminated Installation, Add	0.48	
		For Lumber Core, Add	0.65	
		For 1/8" Thick Paneling, Deduct	-1.25	
		For 1/2" Thick Paneling, Add	3.65	
		For 5/8" Thick Paneling, Add	4.89	
		For 3/4" Thick Paneling, Add	6.49	
		For Fire Retardant Treatment (Class I), Add	4.68	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	17.20	1.68
		For Flitch Matched Veneer, Add	6.36	
		For Second Grade Veneer, Deduct	-1.27	
		For Third Grade Veneer, Deduct	-1.91	
		For Waterproof Glue, Add	0.89	
		For Ceiling Installation, Add	1.34	
		For Installation On Metal Studs Or Furring, Add	0.49	
		For Glue Laminated Installation, Add	0.86	
		For Lumber Core, Add	1.40	
		For 1/8" Thick Paneling, Deduct	-2.44	
		For 1/2" Thick Paneling, Add	7.41	
		For 5/8" Thick Paneling, Add	10.08	
		For 3/4" Thick Paneling, Add	13.51	
		For Fire Retardant Treatment (Class I), Add	10.05	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0017	SF		1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim.....	6.07	1.68
			For Flitch Matched Veneer, Add	1.36	
			For Second Grade Veneer, Deduct	-0.27	
			For Third Grade Veneer, Deduct	-0.41	
			For Waterproof Glue, Add	0.19	
			For Ceiling Installation, Add	1.01	
			For Installation On Metal Studs Or Furring, Add	0.37	
			For Glue Laminated Installation, Add	0.30	
			For Lumber Core, Add	0.30	
			For 1/8" Thick Paneling, Deduct	-0.69	
			For 1/2" Thick Paneling, Add	1.87	
			For 5/8" Thick Paneling, Add	2.44	
			For 3/4" Thick Paneling, Add	3.17	
			For Fire Retardant Treatment (Class I), Add	2.14	
06 42 16 00-0018	SF		1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim.....	14.46	1.68
			For Flitch Matched Veneer, Add	5.12	
			For Second Grade Veneer, Deduct	-1.02	
			For Third Grade Veneer, Deduct	-1.54	
			For Waterproof Glue, Add	0.72	
			For Ceiling Installation, Add	1.27	
			For Installation On Metal Studs Or Furring, Add	0.46	
			For Glue Laminated Installation, Add	0.72	
			For Lumber Core, Add	1.13	
			For 1/8" Thick Paneling, Deduct	-2.01	
			For 1/2" Thick Paneling, Add	6.04	
			For 5/8" Thick Paneling, Add	8.19	
			For 3/4" Thick Paneling, Add	10.95	
			For Fire Retardant Treatment (Class I), Add	8.09	
06 42 16 00-0019	SF		1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim.....	8.28	1.68
			For Flitch Matched Veneer, Add	2.27	
			For Second Grade Veneer, Deduct	-0.45	
			For Third Grade Veneer, Deduct	-0.68	
			For Waterproof Glue, Add	0.32	
			For Ceiling Installation, Add	1.13	
			For Installation On Metal Studs Or Furring, Add	0.41	
			For Glue Laminated Installation, Add	0.41	
			For Lumber Core, Add	0.50	
			For 1/8" Thick Paneling, Deduct	-1.02	
			For 1/2" Thick Paneling, Add	2.90	
			For 5/8" Thick Paneling, Add	3.85	
			For 3/4" Thick Paneling, Add	5.07	
			For Fire Retardant Treatment (Class I), Add	3.58	
06 42 16 00-0020	SF		1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim.....	10.22	1.68
			For Flitch Matched Veneer, Add	3.00	
			For Second Grade Veneer, Deduct	-0.60	
			For Third Grade Veneer, Deduct	-0.90	
			For Waterproof Glue, Add	0.42	
			For Ceiling Installation, Add	1.27	
			For Installation On Metal Studs Or Furring, Add	0.46	
			For Glue Laminated Installation, Add	0.51	
			For Lumber Core, Add	0.66	
			For 1/8" Thick Paneling, Deduct	-1.30	
			For 1/2" Thick Paneling, Add	3.75	
			For 5/8" Thick Paneling, Add	5.01	
			For 3/4" Thick Paneling, Add	6.63	
			For Fire Retardant Treatment (Class I), Add	4.74	
06 42 16 00-0021	SF		1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim.....	19.77	1.68
			For Flitch Matched Veneer, Add	7.25	
			For Second Grade Veneer, Deduct	-1.45	
			For Third Grade Veneer, Deduct	-2.18	
			For Waterproof Glue, Add	1.02	
			For Ceiling Installation, Add	1.58	
			For Installation On Metal Studs Or Furring, Add	0.58	
			For Glue Laminated Installation, Add	0.99	
			For Lumber Core, Add	1.60	
			For 1/8" Thick Paneling, Deduct	-2.79	
			For 1/2" Thick Paneling, Add	8.46	
			For 5/8" Thick Paneling, Add	11.51	
			For 3/4" Thick Paneling, Add	15.42	
			For Fire Retardant Treatment (Class I), Add	11.46	
06 42 16 00-0022	SF		1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim.....	14.43	1.68
			For Flitch Matched Veneer, Add	5.11	
			For Second Grade Veneer, Deduct	-1.02	
			For Third Grade Veneer, Deduct	-1.53	
			For Waterproof Glue, Add	0.71	
			For Ceiling Installation, Add	1.27	
			For Installation On Metal Studs Or Furring, Add	0.46	
			For Glue Laminated Installation, Add	0.72	
			For Lumber Core, Add	1.12	
			For 1/8" Thick Paneling, Deduct	-2.00	
			For 1/2" Thick Paneling, Add	6.02	
			For 5/8" Thick Paneling, Add	8.16	
			For 3/4" Thick Paneling, Add	10.92	
			For Fire Retardant Treatment (Class I), Add	8.07	

**Wood, Plastics, and Composites****06**

Architectural Woodwork

06 40

Wood Paneling

06 42**06**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim For Flitch Matched Veneer, Add For Second Grade Veneer, Deduct For Third Grade Veneer, Deduct For Waterproof Glue, Add For Ceiling Installation, Add For Installation On Metal Studs Or Furring, Add For Glue Laminated Installation, Add For Lumber Core, Add For 1/8" Thick Paneling, Deduct For 1/2" Thick Paneling, Add For 5/8" Thick Paneling, Add For 3/4" Thick Paneling, Add For Fire Retardant Treatment (Class I), Add	12.45 4.35 -0.87 -1.31 0.61 1.13 0.41 0.62 0.96 -1.72 5.15 6.98 9.32 6.87	1.68
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim For Flitch Matched Veneer, Add For Second Grade Veneer, Deduct For Third Grade Veneer, Deduct For Waterproof Glue, Add For Ceiling Installation, Add For Installation On Metal Studs Or Furring, Add For Glue Laminated Installation, Add For Lumber Core, Add For 1/8" Thick Paneling, Deduct For 1/2" Thick Paneling, Add For 5/8" Thick Paneling, Add For 3/4" Thick Paneling, Add For Fire Retardant Treatment (Class I), Add	8.37 2.31 -0.46 -0.69 0.32 1.13 0.41 0.42 0.51 -1.03 2.94 3.92 5.16 3.65	1.68
06 42 16 00-0025		Accessories (06 42 16)		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt.....	26.54	
06 42 19		Plastic-Laminate-Faced Wood Paneling (06 42)		
06 42 19 00-0001		Plastic Laminate (06 42 19) Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	8.04	3.25
06 43		Wood Stairs and Railings (06 40)		
06 43 13		Wood Stairs (06 43)		
06 43 13 00-0001		Stair Parts (06 43 13)		
06 43 13 00-0002	EA	30" Baluster, Pine	48.52	18.85
06 43 13 00-0003	EA	30" Baluster, Birch	57.77	18.85
06 43 13 00-0004	EA	42" Baluster, Pine	55.00	19.50
06 43 13 00-0005	EA	42" Baluster, Birch	64.86	19.50
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	290.87	74.10
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing.....	426.10	104.00
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	172.66 21.34	65.00
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	202.69 23.46	71.41
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	35.43 3.20	9.75
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread..... For Beech, Add	46.66 10.73	5.48
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread..... For Beech, Add	56.84 13.79	5.48
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.32 2.50	5.48
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	34.81 2.62	5.66
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	32.65 2.62	5.66
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.77 2.62	5.66
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.09 2.62	5.66
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing.....	38.68	
06 43 13 00-0019		Interior Box Stairs (06 43 13) Note: Factory cut and assembled straight closed box stairs, unfinished.		
06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add For Prefinished Stair Rail With Balusters And Newel, Add For Each LF Of Prefinished Handrail, Brackets And Baluster, Add For Oak Or Maple Treads, Add	255.98 18.58 68.23 22.10 78.84	56.55

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 43 Wood Stairs and Railings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0021 EA 32" Wide Pine Box Stair, Per Riser	271.61	57.85
For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.00	
For Prefinished Stair Rail With Balusters And Newel, Add	68.78	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	22.33	
For Oak Or Maple Treads, Add	85.05	
06 43 13 00-0022 EA 34" Wide Pine Box Stair, Per Riser	286.36	58.51
For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.22	
For Prefinished Stair Rail With Balusters And Newel, Add	69.07	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	22.45	
For Oak Or Maple Treads, Add	91.26	
06 43 13 00-0023 EA 36" Wide Pine Box Stair, Per Riser	303.45	59.15
For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.43	
For Prefinished Stair Rail With Balusters And Newel, Add	69.34	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	22.56	
For Oak Or Maple Treads, Add	98.54	
06 43 13 00-0024 EA 38" Wide Pine Box Stair, Per Riser	313.53	59.81
For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.64	
For Prefinished Stair Rail With Balusters And Newel, Add	69.62	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	22.68	
For Oak Or Maple Treads, Add	102.65	
06 43 13 00-0025 EA 40" Wide Pine Box Stair, Per Riser	324.53	61.10
For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.07	
For Prefinished Stair Rail With Balusters And Newel, Add	70.18	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	22.91	
For Oak Or Maple Treads, Add	106.77	
06 43 13 00-0026 EA 42" Wide Pine Box Stair, Per Riser	334.61	61.75
For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.29	
For Prefinished Stair Rail With Balusters And Newel, Add	70.46	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	23.03	
For Oak Or Maple Treads, Add	110.88	
06 43 13 00-0027 EA 44" Wide Pine Box Stair, Per Riser	344.70	62.40
For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.50	
For Prefinished Stair Rail With Balusters And Newel, Add	70.75	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	23.14	
For Oak Or Maple Treads, Add	115.00	
06 43 13 00-0028 EA 46" Wide Pine Box Stair, Per Riser	354.75	63.05
For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.71	
For Prefinished Stair Rail With Balusters And Newel, Add	71.02	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	23.26	
For Oak Or Maple Treads, Add	119.12	
06 43 13 00-0029 EA 48" Wide Pine Box Stair, Per Riser	366.60	65.00
For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.36	
For Prefinished Stair Rail With Balusters And Newel, Add	71.86	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	23.61	
For Oak Or Maple Treads, Add	123.18	

06 43 16 Wood Railings (06 43)**06 43 16 00-0001 Handrails (06 43 16)****06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)**

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003 LF 1-1/2" x 1-11/16", Wood Handrail With Brackets	14.12	4.65
For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.13	
06 43 16 00-0004 LF 1-7/8" x 2-5/8", Wood Handrail With Brackets	15.10	4.65
For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.13	
06 43 16 00-0005 LF 1-1/2" Diameter, Wood Handrail With Brackets	18.35	4.65
06 43 16 00-0006 LF 1-3/4" Diameter, Wood Handrail With Brackets	19.16	4.65
06 43 16 00-0007 LF 2" Diameter, Wood Handrail With Brackets	22.09	4.65
06 43 16 00-0008 LF 2-1/2" Diameter, Wood Handrail With Brackets	31.13	4.65

06 44 Ornamental Woodwork (06 40)**06 44 39 Wood Posts and Columns (06 44)****06 44 39 00-0001 Columns (06 44 39)****06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)**

Note: Paint grade/finger jointed pine.

06 44 39 00-0003 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	65.14	6.00
06 44 39 00-0004 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	81.38	8.78
06 44 39 00-0005 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	99.94	10.16
06 44 39 00-0006 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	119.83	10.62
06 44 39 00-0007 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	269.04	12.01
06 44 39 00-0008 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	312.68	12.94
06 44 39 00-0009 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	376.62	13.85
06 44 39 00-0010 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	449.88	14.78
06 44 39 00-0011 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	75.12	6.00
06 44 39 00-0012 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	89.38	8.78
06 44 39 00-0013 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	110.98	10.16
06 44 39 00-0014 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	131.64	10.62
06 44 39 00-0015 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	293.04	12.01
06 44 39 00-0016 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	398.76	12.94

**Wood, Plastics, and Composites****06**

Architectural Woodwork

06 40

Ornamental Woodwork

06 44**06**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0017 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	429.94	13.85
06 44 39 00-0018 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	484.16	14.78
06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base (06 44 39 00-0001)		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0020 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	78.55	6.00
06 44 39 00-0021 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	96.61	8.78
06 44 39 00-0022 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	119.74	10.16
06 44 39 00-0023 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	144.59	10.62
06 44 39 00-0024 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	331.17	12.01
06 44 39 00-0025 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	385.43	12.94
06 44 39 00-0026 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	465.10	13.85
06 44 39 00-0027 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	556.46	14.78
06 44 39 00-0028 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	91.04	6.00
06 44 39 00-0029 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	107.55	8.78
06 44 39 00-0030 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	134.06	10.16
06 44 39 00-0031 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	159.75	10.62
06 44 39 00-0032 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	361.22	12.01
06 44 39 00-0033 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	493.34	12.94
06 44 39 00-0034 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	531.94	13.85
06 44 39 00-0035 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	599.46	14.78
06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0037 LF 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	69.88	6.00
06 44 39 00-0038 LF 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	87.08	8.78
06 44 39 00-0039 LF 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	107.11	10.16
06 44 39 00-0040 LF 12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	128.72	10.62
06 44 39 00-0041 LF 6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	80.75	6.00
06 44 39 00-0042 LF 8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	95.80	8.78
06 44 39 00-0043 LF 10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	119.15	10.16
06 44 39 00-0044 LF 12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	141.58	10.62
06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046 LF 6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	109.78	6.00
06 44 39 00-0047 LF 8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	131.66	8.78
06 44 39 00-0048 LF 10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	164.31	10.16
06 44 39 00-0049 LF 12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	201.34	10.62
06 44 39 00-0050 LF 6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	126.54	6.00
06 44 39 00-0051 LF 8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	149.56	8.78
06 44 39 00-0052 LF 10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	185.26	10.16
06 44 39 00-0053 LF 12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	228.77	10.62
06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)		
Note: For tapered wood columns.		
06 44 39 00-0055 EA 6" Resin Corinthian Capital And Base	344.90	12.47
06 44 39 00-0056 EA 8" Resin Corinthian Capital And Base	522.88	13.85
06 44 39 00-0057 EA 10" Resin Corinthian Capital And Base	729.37	16.17
06 44 39 00-0058 EA 12" Resin Corinthian Capital And Base	932.05	18.47
06 44 39 00-0059 EA 6" Resin Greek Erechtheum Cap And Base	306.81	12.47
06 44 39 00-0060 EA 8" Resin Greek Erechtheum Cap And Base	427.66	13.85
06 44 39 00-0061 EA 10" Resin Greek Erechtheum Cap And Base	531.31	16.17
06 44 39 00-0062 EA 12" Resin Greek Erechtheum Cap And Base	695.90	18.47
06 44 39 00-0063 EA 6" Resin Roman Ionic Capital And Base	322.98	12.94
06 44 39 00-0064 EA 8" Resin Roman Ionic Capital And Base	427.66	13.85
06 44 39 00-0065 EA 10" Resin Roman Ionic Capital And Base	531.31	16.17
06 44 39 00-0066 EA 12" Resin Roman Ionic Capital And Base	676.86	18.47
06 44 39 00-0067 EA 6" Resin Scamozzi Capital And Base	326.78	12.94
06 44 39 00-0068 EA 8" Resin Scamozzi Capital And Base	465.74	13.85
06 44 39 00-0069 EA 10" Resin Scamozzi Capital And Base	550.35	16.17
06 44 39 00-0070 EA 12" Resin Scamozzi Capital And Base	756.84	18.47
06 44 39 00-0071 EA 6" Resin Temple Of Winds Cap And Base	326.78	12.94
06 44 39 00-0072 EA 8" Resin Temple Of Winds Cap And Base	507.64	13.85
06 44 39 00-0073 EA 10" Resin Temple Of Winds Cap And Base	672.24	16.17
06 44 39 00-0074 EA 12" Resin Temple Of Winds Cap And Base	833.02	18.47
06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)		
Note: For tapered wood columns.		
06 44 39 00-0076 EA 6" Plaster Corinthian Capital And Base	699.13	12.47
06 44 39 00-0077 EA 8" Plaster Corinthian Capital And Base	785.69	13.85
06 44 39 00-0078 EA 10" Plaster Corinthian Capital And Base	999.80	16.17
06 44 39 00-0079 EA 12" Plaster Corinthian Capital And Base	1,099.65	18.47
06 44 39 00-0080 EA 6" Plaster Greek Erechtheum Cap And Base	462.97	12.47
06 44 39 00-0081 EA 8" Plaster Greek Erechtheum Cap And Base	538.11	13.85
06 44 39 00-0082 EA 10" Plaster Greek Erechtheum Cap And Base	664.62	16.17

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0083 EA 12" Plaster Greek Eretheum Cap And Base.....	836.83	18.47
06 44 39 00-0084 EA 6" Plaster Roman Ionic Capital And Base.....	444.86	12.94
06 44 39 00-0085 EA 8" Plaster Roman Ionic Capital And Base.....	583.82	13.85
06 44 39 00-0086 EA 10" Plaster Roman Ionic Capital And Base.....	706.52	16.17
06 44 39 00-0087 EA 12" Plaster Roman Ionic Capital And Base.....	836.83	18.47
06 44 39 00-0088 EA 6" Plaster Scamozzi Capital And Base.....	528.66	12.94
06 44 39 00-0089 EA 8" Plaster Scamozzi Capital And Base.....	701.90	13.85
06 44 39 00-0090 EA 10" Plaster Scamozzi Capital And Base.....	790.31	16.17
06 44 39 00-0091 EA 12" Plaster Scamozzi Capital And Base.....	1,004.42	18.47
06 44 39 00-0092 EA 6" Plaster Temple Of Winds Cap And Base.....	444.86	12.94
06 44 39 00-0093 EA 8" Plaster Temple Of Winds Cap And Base.....	576.20	13.85
06 44 39 00-0094 EA 10" Plaster Temple Of Winds Cap And Base.....	752.22	16.17
06 44 39 00-0095 EA 12" Plaster Temple Of Winds Cap And Base.....	962.53	18.47
06 44 39 00-0096 EA 6" Plaster Empire Capital And Base.....	501.99	12.94
06 44 39 00-0097 EA 8" Plaster Empire Capital And Base.....	614.29	13.85
06 44 39 00-0098 EA 10" Plaster Empire Capital And Base.....	748.42	16.17
06 44 39 00-0099 EA 12" Plaster Empire Capital And Base.....	836.83	18.47

06 46 Wood Trim (06 40)**06 46 13 Wood Door and Window Casings** (06 46)**06 46 13 00-0001 Door and Window Casings** (06 46 13)

06 46 13 00-0002 LF 1-1/8" Wide Plain Pine Door And Window Molding.....	4.47	1.48
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06 46 13 00-0003 LF 1-1/8" Wide Detailed Pine Door And Window Molding.....	4.52	1.48
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06 46 13 00-0004 LF 2-1/2" Wide Pine Complete Door And Window Trim.....	5.76	1.48
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	

06 46 19 Wood Base and Shoe Moldings (06 46)**06 46 19 00-0001 Base And Shoe Molding** (06 46 19)

06 46 19 00-0002 LF 1/2" x 1/2" Pine Quarter Round Trim.....	4.58	1.76
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 19 00-0003 LF 3/4" x 3/4" Pine Quarter Round Trim.....	4.93	1.76
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 19 00-0004 LF 3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	5.99	1.12
For Clear Birch, Add	0.73	
For Clear Mahogany, Oak, Maple Or Walnut, Add	1.39	
For Stain Grade Material (No Finger Joints), Add	0.41	
For Clear Poplar, Add	0.45	
06 46 19 00-0005 LF 4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	7.26	1.39
For Clear Birch, Add	0.84	
For Clear Mahogany, Oak, Maple Or Walnut, Add	1.64	
For Stain Grade Material (No Finger Joints), Add	0.47	
For Clear Poplar, Add	0.52	
06 46 19 00-0006 LF 5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	9.15	1.58
For Clear Birch, Add	1.29	
For Clear Mahogany, Oak, Maple Or Walnut, Add	2.33	
For Stain Grade Material (No Finger Joints), Add	0.73	
For Clear Poplar, Add	0.81	
06 46 19 00-0007 LF 3/4" x 1" Oak Base Shoe.....	5.85	1.76
06 46 19 00-0008 LF 3/4" x 1" White Pine Base Shoe, Stain Grade.....	5.64	1.76
06 46 19 00-0009 LF 3/4" x 1" White Pine Base Shoe, Paint Grade.....	5.19	1.76

06 46 23 Wood Chair Rails (06 46)**06 46 23 00-0001 Chair Rails** (06 46 23)

06 46 23 00-0002 LF 5/8" x 2-1/2" White Pine Shaped Chair Rail.....	7.44	1.67
For Birch, Add	1.19	
For Mahogany, Oak, Maple Or Walnut, Add	2.05	
For Poplar, Add	0.74	
06 46 23 00-0003 LF 5/8" x 3-1/2" White Pine Shaped Chair Rail.....	9.32	1.67
For Birch, Add	1.79	
For Mahogany, Oak, Maple Or Walnut, Add	2.89	
For Poplar, Add	1.12	
06 46 23 00-0004 LF 1/2" x 1-5/8" White Pine Shaped Chair Rail.....	5.50	1.67
For Birch, Add	0.87	
For Mahogany, Oak, Maple Or Walnut, Add	1.50	
For Poplar, Add	0.54	

06 46 26 Wood Cornices (06 46)**06 46 26 00-0001 Wood Cornices** (06 46 26)

06 46 26 00-0002 LF 1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	5.41	1.67
For Birch, Add	0.61	
For Mahogany, Oak, Maple, Or Walnut, Add	1.13	
For Poplar, Add	0.76	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Wood Trim			06 46

06

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	6.93	1.76
		For Birch, Add	1.10	
		For Mahogany, Oak, Maple, Or Walnut, Add	1.76	
		For Poplar, Add	1.38	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	9.88	1.85
		For Birch, Add	2.10	
		For Mahogany, Oak, Maple, Or Walnut, Add	3.03	
		For Poplar, Add	2.63	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	11.47	1.85
		For Birch, Add	2.61	
		For Mahogany, Oak, Maple, Or Walnut, Add	3.68	
		For Poplar, Add	3.26	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	13.32	1.95
		For Birch, Add	3.20	
		For Mahogany, Oak, Maple, Or Walnut, Add	4.45	
		For Poplar, Add	4.01	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	17.31	2.14
		For Birch, Add	4.56	
		For Mahogany, Oak, Maple, Or Walnut, Add	6.16	
		For Poplar, Add	5.70	
06 46 29 Wood Fasciae and Soffits (06 46)				
06 46 29 00-0001		Fascia Board (06 46 29)		
06 46 29 00-0002		Pine Fascia Board (06 46 29 00-0001)		
06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.27	1.85
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	6.18	2.07
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.89	2.17
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	8.43	2.42
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	5.15	1.85
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	6.02	2.07
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	7.12	2.17
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	9.14	2.42
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	5.35	1.85
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	6.27	2.07
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	7.05	2.17
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	8.97	2.42
06 46 29 00-0015		Cedar Fascia Board (06 46 29 00-0001)		
06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board	6.01	1.85
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board	7.33	2.07
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board	9.11	2.17
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board	11.55	2.42
06 46 29 00-0020		Engineered Wood Fascia Board (06 46 29 00-0001)		
06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board	4.84	1.85
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board	5.61	2.07
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board	7.09	2.42
06 46 29 00-0024		Soffit (06 46 29)		
06 46 29 00-0025		Sanded Plywood Soffit (06 46 29 00-0024)		
06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit	5.83	1.41
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit	6.68	1.48
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit	7.01	1.55
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit	8.15	1.63
06 46 29 00-0030		MDO Plywood Soffit (06 46 29 00-0024)		
06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit	7.22	1.41
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit	8.45	1.48
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit	11.57	1.63
06 46 29 00-0034		Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0024)		
06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	2.94	1.22
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.17	1.29
06 46 36 Custom Wood Molding (06 46)				
Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.				
06 46 36 00-0001		Ash (06 46 36)		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash	7.08	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash	9.09	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash.....	11.10	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash.....	13.11	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.83	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash.....	15.22	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.87	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash.....	17.33	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.92	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash.....	19.33	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash.....	21.36	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.97	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash.....	23.31	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash.....	25.46	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash.....	27.50	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash.....	8.49	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash.....	11.13	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash.....	13.77	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.82	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash.....	16.42	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.85	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash.....	19.22	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash.....	21.96	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash.....	24.58	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash.....	27.25	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.99	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash.....	29.89	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash.....	32.67	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.06	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash.....	35.35	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.09	
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash.....	10.26	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash.....	13.76	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.82	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash.....	17.27	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.84	
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash.....	20.77	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.87	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash.....	24.38	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.92	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash.....	27.99	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash.....	31.49	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash.....	35.01	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.01	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash.....	38.47	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.03	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash.....	42.10	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.08	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash.....	45.65	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.11	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash.....	12.80	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.82	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash.....	17.53	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.84	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash.....	22.26	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.86	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash.....	26.99	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash.....	31.73	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.92	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash.....	36.66	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash.....	41.46	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.01	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash.....	46.14	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash.....	50.81	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.05	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash.....	56.11	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.10	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash.....	60.43	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0046 Basswood ^(06 46 36)		
06 46 36 00-0047 LF 3/4" x 1-1/2" Custom Shaped Basswood	5.81	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06 46 36 00-0048 LF 3/4" x 2-1/2" Custom Shaped Basswood	7.19	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	
06 46 36 00-0049 LF 3/4" x 3-1/2" Custom Shaped Basswood	8.56	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06 46 36 00-0050 LF 3/4" x 4-1/2" Custom Shaped Basswood	9.94	1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.83	
06 46 36 00-0051 LF 3/4" x 5-1/2" Custom Shaped Basswood	11.41	1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.87	
06 46 36 00-0052 LF 3/4" x 6-1/2" Custom Shaped Basswood	12.89	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.92	
06 46 36 00-0053 LF 3/4" x 7-1/2" Custom Shaped Basswood	14.25	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	
06 46 36 00-0054 LF 3/4" x 8-1/2" Custom Shaped Basswood	15.65	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.97	
06 46 36 00-0055 LF 3/4" x 9-1/2" Custom Shaped Basswood	16.97	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98	
06 46 36 00-0056 LF 3/4" x 10-1/2" Custom Shaped Basswood	18.48	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	
06 46 36 00-0057 LF 3/4" x 11-1/2" Custom Shaped Basswood	19.89	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07	
06 46 36 00-0058 LF 1" x 1-1/2" Custom Shaped Basswood	6.68	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	
06 46 36 00-0059 LF 1" x 2-1/2" Custom Shaped Basswood	8.41	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06 46 36 00-0060 LF 1" x 3-1/2" Custom Shaped Basswood	10.14	1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.82	
06 46 36 00-0061 LF 1" x 4-1/2" Custom Shaped Basswood	11.89	1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.85	
06 46 36 00-0062 LF 1" x 5-1/2" Custom Shaped Basswood	13.77	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 36 00-0063 LF 1" x 6-1/2" Custom Shaped Basswood	15.61	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	
06 46 36 00-0064 LF 1" x 7-1/2" Custom Shaped Basswood	17.33	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96	
06 46 36 00-0065 LF 1" x 8-1/2" Custom Shaped Basswood	19.09	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.99	
06 46 36 00-0066 LF 1" x 9-1/2" Custom Shaped Basswood	20.82	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
06 46 36 00-0067 LF 1" x 10-1/2" Custom Shaped Basswood	22.69	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.06	
06 46 36 00-0068 LF 1" x 11-1/2" Custom Shaped Basswood	24.46	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.09	
06 46 36 00-0069 LF 1-1/2" x 1-1/2" Custom Shaped Basswood	9.26	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06 46 36 00-0070 LF 1-1/2" x 2-1/2" Custom Shaped Basswood	12.27	1.02
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.82	
06 46 36 00-0071 LF 1-1/2" x 3-1/2" Custom Shaped Basswood	15.28	1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.84	
06 46 36 00-0072 LF 1-1/2" x 4-1/2" Custom Shaped Basswood	18.28	1.12
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.87	
06 46 36 00-0073 LF 1-1/2" x 5-1/2" Custom Shaped Basswood	21.39	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.92	
06 46 36 00-0074 LF 1-1/2" x 6-1/2" Custom Shaped Basswood	24.49	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96	
06 46 36 00-0075 LF 1-1/2" x 7-1/2" Custom Shaped Basswood	27.50	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98	
06 46 36 00-0076 LF 1-1/2" x 8-1/2" Custom Shaped Basswood	30.52	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.01	
06 46 36 00-0077 LF 1-1/2" x 9-1/2" Custom Shaped Basswood	33.48	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.03	
06 46 36 00-0078 LF 1-1/2" x 10-1/2" Custom Shaped Basswood	36.61	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.08	
06 46 36 00-0079 LF 1-1/2" x 11-1/2" Custom Shaped Basswood	39.66	1.48
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.11	
06 46 36 00-0080 LF 3-1/2" x 3-1/2" Custom Shaped Basswood	37.37	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.92	
06 46 36 00-0081 LF 3-1/2" x 4-1/2" Custom Shaped Basswood	45.89	1.21
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96	
06 46 36 00-0082 LF 3-1/2" x 5-1/2" Custom Shaped Basswood	54.33	1.30
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98	
06 46 36 00-0083 LF 3-1/2" x 6-1/2" Custom Shaped Basswood	62.95	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.05	
06 46 36 00-0084 LF 3-1/2" x 7-1/2" Custom Shaped Basswood	71.40	1.39
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07	
06 46 36 00-0085 LF 3-1/2" x 8-1/2" Custom Shaped Basswood	80.01	1.48
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.11	
06 46 36 00-0086 LF 3-1/2" x 9-1/2" Custom Shaped Basswood	88.35	1.48
For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.13	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	.....	96.79	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	.....	105.42	1.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0089 Birch (06 46 36)					
06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch	.....	6.26	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.75	
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch	.....	7.87	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.78	
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch	.....	9.47	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.80	
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch	.....	11.07	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.83	
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch	.....	12.77	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.87	
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch	.....	14.47	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.92	
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch	.....	16.06	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.94	
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch	.....	17.69	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.97	
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch	.....	19.23	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch	.....	20.97	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch	.....	22.61	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch	.....	7.36	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.78	
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch	.....	9.41	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.80	
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch	.....	11.51	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.82	
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch	.....	13.61	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.85	
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch	.....	15.82	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.89	
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	.....	17.97	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.94	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	.....	20.05	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	.....	22.18	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.99	
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	.....	24.22	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.00	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	.....	26.41	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.06	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	.....	28.55	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.09	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	.....	8.63	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.80	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	.....	11.31	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.82	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	.....	14.01	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.84	
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	.....	16.69	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.87	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	.....	19.49	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.92	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	.....	22.27	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	.....	24.96	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	.....	27.66	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	.....	30.31	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.03	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	.....	33.12	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.08	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	.....	35.86	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.11	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	.....	10.62	1.02
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.82	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	.....	14.26	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.84	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	.....	17.91	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.86	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	.....	21.54	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.89	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	.....	25.20	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.92	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0128 LF 1-1/2" x 6-1/2" Custom Shaped Birch..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	29.04 0.98	1.30
06 46 36 00-0129 LF 1-1/2" x 7-1/2" Custom Shaped Birch..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	32.66 1.01	1.30
06 46 36 00-0130 LF 1-1/2" x 8-1/2" Custom Shaped Birch..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.34 1.04	1.30
06 46 36 00-0131 LF 1-1/2" x 9-1/2" Custom Shaped Birch..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	39.93 1.05	1.39
06 46 36 00-0132 LF 1-1/2" x 10-1/2" Custom Shaped Birch..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.14 1.10	1.39
06 46 36 00-0133 LF 1-1/2" x 11-1/2" Custom Shaped Birch..... For Curved Surfaces With A 2'-0" Maximum Radius, Add	47.37 1.13	1.48
06 46 36 00-0134 Clear Western Cedar (06 46 36)		
06 46 36 00-0135 LF 3/4" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	6.26 0.75	1.02
06 46 36 00-0136 LF 3/4" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	7.87 0.78	1.02
06 46 36 00-0137 LF 3/4" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.47 0.80	1.02
06 46 36 00-0138 LF 3/4" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.07 0.83	1.12
06 46 36 00-0139 LF 3/4" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.77 0.87	1.12
06 46 36 00-0140 LF 3/4" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	14.47 0.92	1.21
06 46 36 00-0141 LF 1" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	7.45 0.78	1.02
06 46 36 00-0142 LF 1" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.59 0.80	1.02
06 46 36 00-0143 LF 1" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.73 0.82	1.12
06 46 36 00-0144 LF 1" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.88 0.85	1.12
06 46 36 00-0145 LF 1" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.13 0.89	1.21
06 46 36 00-0146 LF 1" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.37 0.94	1.21
06 46 36 00-0147 LF 1-1/4" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.81 0.80	1.02
06 46 36 00-0148 LF 1-1/4" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.08 0.82	1.02
06 46 36 00-0149 LF 1-1/4" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.37 0.84	1.12
06 46 36 00-0150 LF 1-1/4" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.64 0.87	1.12
06 46 36 00-0151 LF 1-1/4" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.02 0.92	1.21
06 46 36 00-0152 LF 1-1/4" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.40 0.96	1.21
06 46 36 00-0153 LF 1-1/2" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	10.08 0.82	1.02
06 46 36 00-0154 LF 1-1/2" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.44 0.84	1.12
06 46 36 00-0155 LF 1-1/2" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.82 0.86	1.12
06 46 36 00-0156 LF 1-1/2" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.18 0.89	1.21
06 46 36 00-0157 LF 1-1/2" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.57 0.92	1.21
06 46 36 00-0158 LF 1-1/2" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	27.13 0.98	1.30
06 46 36 00-0159 LF 3-1/2" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	33.02 0.92	1.21
06 46 36 00-0160 LF 3-1/2" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	40.45 0.96	1.21
06 46 36 00-0161 LF 3-1/2" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	47.80 0.98	1.30
06 46 36 00-0162 LF 3-1/2" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	55.34 1.05	1.39
06 46 36 00-0163 LF 3-1/2" x 7-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	62.69 1.07	1.39
06 46 36 00-0164 LF 3-1/2" x 8-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	70.13 1.11	1.48
06 46 36 00-0165 LF 3-1/2" x 9-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	77.47 1.13	1.48
06 46 36 00-0166 LF 3-1/2" x 10-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	84.82 1.15	1.48
06 46 36 00-0167 LF 3-1/2" x 11-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	92.36 1.22	1.58
06 46 36 00-0168 Cherry (06 46 36)		

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.71 0.75	1.02
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.05 0.78	1.02
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.37 0.80	1.02
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.70 0.83	1.12
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.12 0.87	1.12
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.55 0.92	1.21
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.86 0.94	1.21
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.22 0.97	1.21
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.49 0.98	1.30
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.95 1.04	1.30
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.31 1.07	1.39
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.26 0.78	1.02
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.31 0.80	1.02
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.36 0.82	1.12
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.42 0.85	1.12
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.57 0.89	1.21
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.72 0.94	1.21
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.76 0.96	1.21
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.88 0.99	1.30
06 46 36 00-0188	LF	1" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.83 1.00	1.30
06 46 36 00-0189	LF	1" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.02 1.06	1.39
06 46 36 00-0190	LF	1" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.11 1.09	1.39
06 46 36 00-0191	LF	1-1/4" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.94 0.80	1.02
06 46 36 00-0192	LF	1-1/4" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.81 0.82	1.02
06 46 36 00-0193	LF	1-1/4" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.63 0.84	1.12
06 46 36 00-0194	LF	1-1/4" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.50 0.87	1.12
06 46 36 00-0195	LF	1-1/4" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.43 0.92	1.21
06 46 36 00-0196	LF	1-1/4" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.39 0.96	1.21
06 46 36 00-0197	LF	1-1/4" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.21 0.98	1.30
06 46 36 00-0198	LF	1-1/4" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.09 1.01	1.30
06 46 36 00-0199	LF	1-1/4" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.87 1.03	1.30
06 46 36 00-0200	LF	1-1/4" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.86 1.08	1.39
06 46 36 00-0201	LF	1-1/4" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.73 1.11	1.48
06 46 36 00-0202	LF	1-1/2" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.07 0.82	1.02
06 46 36 00-0203	LF	1-1/2" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.43 0.84	1.12
06 46 36 00-0204	LF	1-1/2" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.80 0.86	1.12
06 46 36 00-0205	LF	1-1/2" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.16 0.89	1.21
06 46 36 00-0206	LF	1-1/2" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.54 0.92	1.21
06 46 36 00-0207	LF	1-1/2" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.10 0.98	1.30
06 46 36 00-0208	LF	1-1/2" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.45 1.01	1.30
06 46 36 00-0209	LF	1-1/2" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.85 1.04	1.30
06 46 36 00-0210	LF	1-1/2" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.16 1.05	1.39



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0211	LF	1-1/2" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	62.73 1.10	1.39
06 46 36 00-0212	LF	1-1/2" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	68.05 1.13	1.48
06 46 36 00-0213 Cypress (06 46 36)				
06 46 36 00-0214	LF	3/4" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.81 0.75	1.02
06 46 36 00-0215	LF	3/4" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.19 0.78	1.02
06 46 36 00-0216	LF	3/4" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.56 0.80	1.02
06 46 36 00-0217	LF	3/4" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.94 0.83	1.12
06 46 36 00-0218	LF	3/4" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.41 0.87	1.12
06 46 36 00-0219	LF	3/4" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.89 0.92	1.21
06 46 36 00-0220	LF	3/4" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.61 0.94	1.21
06 46 36 00-0221	LF	3/4" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.05 0.97	1.21
06 46 36 00-0222	LF	3/4" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.78 0.98	1.30
06 46 36 00-0223	LF	3/4" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.47 1.04	1.30
06 46 36 00-0224	LF	1" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.81 0.78	1.02
06 46 36 00-0225	LF	1" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.09 0.80	1.02
06 46 36 00-0226	LF	1" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.41 0.82	1.12
06 46 36 00-0227	LF	1" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.74 0.85	1.12
06 46 36 00-0228	LF	1" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.18 0.89	1.21
06 46 36 00-0229	LF	1" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.55 0.94	1.21
06 46 36 00-0230	LF	1" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.86 0.96	1.21
06 46 36 00-0231	LF	1" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.22 0.99	1.30
06 46 36 00-0232	LF	1" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.49 1.00	1.30
06 46 36 00-0233	LF	1" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.00 1.06	1.39
06 46 36 00-0234	LF	1" x 11-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.27 1.09	1.39
06 46 36 00-0235	LF	1-1/2" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.17 0.82	1.02
06 46 36 00-0236	LF	1-1/2" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.08 0.84	1.12
06 46 36 00-0237	LF	1-1/2" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.01 0.86	1.12
06 46 36 00-0238	LF	1-1/2" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.92 0.89	1.21
06 46 36 00-0239	LF	1-1/2" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.85 0.92	1.21
06 46 36 00-0240	LF	1-1/2" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.96 0.98	1.30
06 46 36 00-0241	LF	1-1/2" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.86 1.01	1.30
06 46 36 00-0242	LF	1-1/2" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.81 1.04	1.30
06 46 36 00-0243	LF	1-1/2" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.39 1.05	1.39
06 46 36 00-0244	LF	1-1/2" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.61 1.10	1.39
06 46 36 00-0245 Fir (06 46 36)				
06 46 36 00-0246	LF	3/4" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.53 0.75	1.02
06 46 36 00-0247	LF	3/4" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.28 0.78	1.02
06 46 36 00-0248	LF	3/4" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.01 0.80	1.02
06 46 36 00-0249	LF	3/4" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.75 0.83	1.12
06 46 36 00-0250	LF	3/4" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.58 0.87	1.12
06 46 36 00-0251	LF	3/4" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.43 0.92	1.21

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0252	LF	3/4" x 7-1/2" Custom Shaped Fir.....	17.15	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0253	LF	3/4" x 8-1/2" Custom Shaped Fir.....	18.91	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	
06 46 36 00-0254	LF	3/4" x 9-1/2" Custom Shaped Fir.....	20.59	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0255	LF	3/4" x 10-1/2" Custom Shaped Fir.....	22.47	1.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.04	
06 46 36 00-0256	LF	1" x 1-1/2" Custom Shaped Fir.....	7.81	1.02
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0257	LF	1" x 2-1/2" Custom Shaped Fir.....	10.09	1.02
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0258	LF	1" x 3-1/2" Custom Shaped Fir.....	12.41	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0259	LF	1" x 4-1/2" Custom Shaped Fir.....	14.74	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.85	
06 46 36 00-0260	LF	1" x 5-1/2" Custom Shaped Fir.....	17.18	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0261	LF	1" x 6-1/2" Custom Shaped Fir.....	19.55	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0262	LF	1" x 7-1/2" Custom Shaped Fir.....	21.86	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 36 00-0263	LF	1" x 8-1/2" Custom Shaped Fir.....	24.22	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.99	
06 46 36 00-0264	LF	1" x 9-1/2" Custom Shaped Fir.....	26.49	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.00	
06 46 36 00-0265	LF	1" x 10-1/2" Custom Shaped Fir.....	29.00	1.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.06	
06 46 36 00-0266	LF	1" x 11-1/2" Custom Shaped Fir.....	31.27	1.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
06 46 36 00-0267	LF	1-1/4" x 1-1/2" Custom Shaped Fir.....	8.77	1.02
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0268	LF	1-1/4" x 2-1/2" Custom Shaped Fir.....	11.54	1.02
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0269	LF	1-1/4" x 3-1/2" Custom Shaped Fir.....	14.28	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir.....	17.06	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir.....	19.90	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir.....	22.77	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir.....	25.50	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir.....	28.30	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.01	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir.....	30.99	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.03	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir.....	33.89	1.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.08	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir.....	36.67	1.48
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.11	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir.....	10.08	1.02
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir.....	13.44	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir.....	16.82	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir.....	20.18	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir.....	23.57	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir.....	27.13	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir.....	30.49	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.01	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir.....	33.89	1.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.04	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir.....	37.21	1.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir.....	40.69	1.48
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir.....	44.11	1.48
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir.....	16.78	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir.....	23.40	1.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir.....	30.02	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir.....	36.73	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir.....	43.36	1.21
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.16 1.02	1.30
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.79 1.05	1.39
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	63.60 1.09	1.39
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.13 1.11	1.48
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.75 1.13	1.48
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.46 0.92	1.21
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.89 0.96	1.21
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	54.33 0.98	1.30
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	62.95 1.05	1.39
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	71.40 1.07	1.39
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	79.92 1.11	1.48
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	88.35 1.13	1.48
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	96.79 1.15	1.48
06 46 36 00-0307 Honduran Mahogany (06 46 36)				
06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.26 0.75	1.02
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.86 0.78	1.02
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.46 0.80	1.02
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.06 0.83	1.12
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.75 0.87	1.12
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.46 0.92	1.21
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.04 0.94	1.21
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.67 0.97	1.30
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.21 0.98	1.30
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.94 1.04	1.39
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.58 1.07	1.39
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.08 0.78	1.02
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.49 0.80	1.02
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.95 0.82	1.12
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.41 0.85	1.12
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.98 0.89	1.21
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.49 0.94	1.21
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.93 0.96	1.30
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.42 0.99	1.30
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.82 1.00	1.30
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.37 1.06	1.39
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.32 1.09	1.39
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.49 0.80	1.02
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.62 0.82	1.02
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.72 0.84	1.12
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.86 0.87	1.12
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.06 0.92	1.21

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.29 0.96	1.30
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.38 0.98	1.30
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.54 1.01	1.30
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.68 1.03	1.30
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.86 1.08	1.39
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.00 1.11	1.48
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.25 0.82	1.02
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.70 0.84	1.12
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.16 0.86	1.12
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.61 0.89	1.12
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.08 0.92	1.21
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.73 0.98	1.30
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.17 1.01	1.30
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.67 1.04	1.39
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	58.07 1.05	1.39
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	63.64 1.10	1.39
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	69.23 1.13	1.48
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.00 0.83	1.12
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.81 0.86	1.12
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.56 0.88	1.12
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.45 0.92	1.21
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.22 0.94	1.21
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.20 1.00	1.30
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.96 1.02	1.30
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.86 1.07	1.39
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	71.61 1.09	1.39
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	78.42 1.11	1.48
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	85.37 1.18	1.58
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.95 0.86	1.12
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.30 0.88	1.12
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.55 0.90	1.21
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.89 0.94	1.21
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.15 0.96	1.21
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	61.58 1.02	1.30
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	69.85 1.05	1.39
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	78.20 1.09	1.39
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	86.45 1.11	1.48
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	94.70 1.13	1.48
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	103.14 1.20	1.58
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.71 0.92	1.21
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	61.30 0.96	1.21
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	72.83 0.98	1.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0377 LF 3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	84.54 1.05	1.39
06 46 36 00-0378 LF 3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	96.06 1.07	1.39
06 46 36 00-0379 LF 3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	107.67 1.11	1.48
06 46 36 00-0380 LF 3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	119.19 1.13	1.48
06 46 36 00-0381 LF 3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	130.70 1.15	1.48
06 46 36 00-0382 LF 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	142.42 1.22	1.58
06 46 36 00-0383 Maple (06 46 36)		
06 46 36 00-0384 LF 3/4" x 1-1/2" Custom Shaped Maple	6.17	1.02
06 46 36 00-0385 LF 3/4" x 2-1/2" Custom Shaped Maple	7.73	1.02
06 46 36 00-0386 LF 3/4" x 3-1/2" Custom Shaped Maple	9.28	1.02
06 46 36 00-0387 LF 3/4" x 4-1/2" Custom Shaped Maple	10.85	1.12
06 46 36 00-0388 LF 3/4" x 5-1/2" Custom Shaped Maple	12.50	1.12
06 46 36 00-0389 LF 3/4" x 6-1/2" Custom Shaped Maple	14.16	1.21
06 46 36 00-0390 LF 3/4" x 7-1/2" Custom Shaped Maple	15.70	1.21
06 46 36 00-0391 LF 3/4" x 8-1/2" Custom Shaped Maple	17.28	1.21
06 46 36 00-0392 LF 3/4" x 9-1/2" Custom Shaped Maple	18.78	1.30
06 46 36 00-0393 LF 3/4" x 10-1/2" Custom Shaped Maple	20.47	1.39
06 46 36 00-0394 LF 3/4" x 11-1/2" Custom Shaped Maple	22.06	1.39
06 46 36 00-0395 LF 1" x 1-1/2" Custom Shaped Maple	7.36	1.02
06 46 36 00-0396 LF 1" x 2-1/2" Custom Shaped Maple	9.41	1.02
06 46 36 00-0397 LF 1" x 3-1/2" Custom Shaped Maple	11.51	1.12
06 46 36 00-0398 LF 1" x 4-1/2" Custom Shaped Maple	13.61	1.12
06 46 36 00-0399 LF 1" x 5-1/2" Custom Shaped Maple	15.82	1.21
06 46 36 00-0400 LF 1" x 6-1/2" Custom Shaped Maple	17.97	1.21
06 46 36 00-0401 LF 1" x 7-1/2" Custom Shaped Maple	20.05	1.21
06 46 36 00-0402 LF 1" x 8-1/2" Custom Shaped Maple	22.18	1.30
06 46 36 00-0403 LF 1" x 9-1/2" Custom Shaped Maple	24.22	1.30
06 46 36 00-0404 LF 1" x 10-1/2" Custom Shaped Maple	25.50	1.39
06 46 36 00-0405 LF 1" x 11-1/2" Custom Shaped Maple	28.55	1.39
06 46 36 00-0406 LF 1-1/4" x 1-1/2" Custom Shaped Maple	8.36	1.02
06 46 36 00-0407 LF 1-1/4" x 2-1/2" Custom Shaped Maple	10.91	1.02
06 46 36 00-0408 LF 1-1/4" x 3-1/2" Custom Shaped Maple	13.46	1.12
06 46 36 00-0409 LF 1-1/4" x 4-1/2" Custom Shaped Maple	16.01	1.12
06 46 36 00-0410 LF 1-1/4" x 5-1/2" Custom Shaped Maple	18.67	1.21
06 46 36 00-0411 LF 1-1/4" x 6-1/2" Custom Shaped Maple	21.32	1.21
06 46 36 00-0412 LF 1-1/4" x 7-1/2" Custom Shaped Maple	23.87	1.30
06 46 36 00-0413 LF 1-1/4" x 8-1/2" Custom Shaped Maple	26.44	1.30
06 46 36 00-0414 LF 1-1/4" x 9-1/2" Custom Shaped Maple	28.95	1.30
06 46 36 00-0415 LF 1-1/4" x 10-1/2" Custom Shaped Maple	31.62	1.39
06 46 36 00-0416 LF 1-1/4" x 11-1/2" Custom Shaped Maple	34.22	1.48
06 46 36 00-0417 LF 1-1/2" x 1-1/2" Custom Shaped Maple	10.44	1.02
06 46 36 00-0418 LF 1-1/2" x 2-1/2" Custom Shaped Maple	13.99	1.12
06 46 36 00-0419 LF 1-1/2" x 3-1/2" Custom Shaped Maple	17.54	1.12
06 46 36 00-0420 LF 1-1/2" x 4-1/2" Custom Shaped Maple	21.09	1.21
06 46 36 00-0421 LF 1-1/2" x 5-1/2" Custom Shaped Maple	24.66	1.21
06 46 36 00-0422 LF 1-1/2" x 6-1/2" Custom Shaped Maple	28.40	1.30
06 46 36 00-0423 LF 1-1/2" x 7-1/2" Custom Shaped Maple	31.94	1.30
06 46 36 00-0424 LF 1-1/2" x 8-1/2" Custom Shaped Maple	35.98	1.39
06 46 36 00-0425 LF 1-1/2" x 9-1/2" Custom Shaped Maple	39.02	1.39
06 46 36 00-0426 LF 1-1/2" x 10-1/2" Custom Shaped Maple	42.78	1.48
06 46 36 00-0427 LF 1-1/2" x 11-1/2" Custom Shaped Maple	46.28	1.48
06 46 36 00-0428 LF 2" x 1-1/2" Custom Shaped Maple	13.82	1.12
06 46 36 00-0429 LF 2" x 2-1/2" Custom Shaped Maple	19.05	1.12
06 46 36 00-0430 LF 2" x 3-1/2" Custom Shaped Maple	24.21	1.12
06 46 36 00-0431 LF 2" x 4-1/2" Custom Shaped Maple	29.52	1.21
06 46 36 00-0432 LF 2" x 5-1/2" Custom Shaped Maple	34.70	1.21
06 46 36 00-0433 LF 2" x 6-1/2" Custom Shaped Maple	40.09	1.30
06 46 36 00-0434 LF 2" x 7-1/2" Custom Shaped Maple	45.26	1.30
06 46 36 00-0435 LF 2" x 8-1/2" Custom Shaped Maple	50.57	1.39
06 46 36 00-0436 LF 2" x 9-1/2" Custom Shaped Maple	55.74	1.39
06 46 36 00-0437 LF 2" x 10-1/2" Custom Shaped Maple	60.97	1.48
06 46 36 00-0438 LF 2" x 11-1/2" Custom Shaped Maple	66.78	1.58
06 46 36 00-0439 LF 3-1/2" x 3-1/2" Custom Shaped Maple	53.33	1.21
06 46 36 00-0440 LF 3-1/2" x 4-1/2" Custom Shaped Maple	65.84	1.21
06 46 36 00-0441 LF 3-1/2" x 5-1/2" Custom Shaped Maple	78.27	1.30
06 46 36 00-0442 LF 3-1/2" x 6-1/2" Custom Shaped Maple	90.89	1.39
06 46 36 00-0443 LF 3-1/2" x 7-1/2" Custom Shaped Maple	103.32	1.39
06 46 36 00-0444 LF 3-1/2" x 8-1/2" Custom Shaped Maple	115.83	1.48
06 46 36 00-0445 LF 3-1/2" x 9-1/2" Custom Shaped Maple	128.26	1.48
06 46 36 00-0446 LF 3-1/2" x 10-1/2" Custom Shaped Maple	140.68	1.48
06 46 36 00-0447 LF 3-1/2" x 11-1/2" Custom Shaped Maple	153.30	1.58

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0448 Appl Soft Maple (06 46 36)

06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	6.26	1.02
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	7.87	1.02
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	9.47	1.02
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	11.07	1.12
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	12.77	1.12
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	14.47	1.21
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	16.06	1.21
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	17.69	1.21
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	19.23	1.30
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	20.97	1.39
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	22.61	1.39
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple.....	7.13	1.02
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple.....	9.09	1.02
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple.....	11.05	1.12
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple.....	12.98	1.12
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple.....	15.14	1.21
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple.....	17.19	1.21
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple.....	19.14	1.21
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple.....	21.13	1.30
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple.....	23.09	1.30
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple.....	25.19	1.39
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple.....	27.19	1.39
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	7.95	1.02
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	10.32	1.02
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	12.65	1.12
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	15.02	1.12
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	17.45	1.21
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	19.91	1.21
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	22.24	1.30
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	24.62	1.30
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	26.91	1.30
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	29.40	1.39
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	31.77	1.48
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....	9.54	1.02
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple.....	12.63	1.12
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple.....	15.73	1.12
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple.....	18.82	1.21
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple.....	21.94	1.21
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple.....	25.23	1.30
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple.....	28.31	1.30
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple.....	31.44	1.39
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple.....	34.49	1.39
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple.....	37.70	1.48
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple.....	40.84	1.48

06 46 36 00-0493 Red Oak (06 46 36)

06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak.....	6.72	1.02
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak.....	8.55	1.02
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak.....	10.37	1.02
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak.....	12.21	1.12
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak.....	14.13	1.12
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak.....	16.06	1.21
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak.....	17.87	1.21
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak.....	19.73	1.21
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak.....	21.50	1.30
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak.....	23.46	1.39
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak.....	25.33	1.39
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak.....	8.13	1.02
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak.....	10.63	1.02
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak.....	13.09	1.12
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak.....	16.51	1.12
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak.....	18.17	1.21
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak.....	20.78	1.21
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak.....	23.22	1.21
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak.....	25.71	1.30
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak.....	28.17	1.30
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak.....	30.81	1.39
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak.....	33.31	1.39
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak.....	10.13	1.02
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak.....	13.58	1.02
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak.....	17.00	1.12
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak.....	20.46	1.12
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak.....	23.98	1.21
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak.....	27.53	1.21
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak.....	30.94	1.30
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak.....	34.42	1.30
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak.....	37.79	1.30
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak.....	41.37	1.39



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0526 LF 1-1/4" x 11-1/2" Custom Shaped Red Oak.....	44.83	1.48
06 46 36 00-0527 LF 1-1/2" x 1-1/2" Custom Shaped Red Oak.....	14.25	1.02
06 46 36 00-0528 LF 1-1/2" x 2-1/2" Custom Shaped Red Oak.....	19.70	1.12
06 46 36 00-0529 LF 1-1/2" x 3-1/2" Custom Shaped Red Oak.....	25.16	1.12
06 46 36 00-0530 LF 1-1/2" x 4-1/2" Custom Shaped Red Oak.....	30.61	1.12
06 46 36 00-0531 LF 1-1/2" x 5-1/2" Custom Shaped Red Oak.....	36.08	1.21
06 46 36 00-0532 LF 1-1/2" x 6-1/2" Custom Shaped Red Oak.....	41.82	1.30
06 46 36 00-0533 LF 1-1/2" x 7-1/2" Custom Shaped Red Oak.....	47.17	1.30
06 46 36 00-0534 LF 1-1/2" x 8-1/2" Custom Shaped Red Oak.....	53.57	1.39
06 46 36 00-0535 LF 1-1/2" x 9-1/2" Custom Shaped Red Oak.....	58.07	1.39
06 46 36 00-0536 LF 1-1/2" x 10-1/2" Custom Shaped Red Oak.....	63.64	1.39
06 46 36 00-0537 LF 1-1/2" x 11-1/2" Custom Shaped Red Oak.....	69.14	1.48
06 46 36 00-0538 LF 2" x 1-1/2" Custom Shaped Red Oak.....	21.98	1.12
06 46 36 00-0539 LF 2" x 2-1/2" Custom Shaped Red Oak.....	31.29	1.12
06 46 36 00-0540 LF 2" x 3-1/2" Custom Shaped Red Oak.....	40.54	1.12
06 46 36 00-0541 LF 2" x 4-1/2" Custom Shaped Red Oak.....	49.92	1.21
06 46 36 00-0542 LF 2" x 5-1/2" Custom Shaped Red Oak.....	59.18	1.21
06 46 36 00-0543 LF 2" x 6-1/2" Custom Shaped Red Oak.....	68.66	1.30
06 46 36 00-0544 LF 2" x 7-1/2" Custom Shaped Red Oak.....	77.91	1.30
06 46 36 00-0545 LF 2" x 8-1/2" Custom Shaped Red Oak.....	87.30	1.39
06 46 36 00-0546 LF 2" x 9-1/2" Custom Shaped Red Oak.....	96.55	1.39
06 46 36 00-0547 LF 2" x 10-1/2" Custom Shaped Red Oak.....	105.86	1.48
06 46 36 00-0548 LF 2" x 11-1/2" Custom Shaped Red Oak.....	115.30	1.58
06 46 36 00-0549 White Oak (06 46 36)		
06 46 36 00-0550 LF 3/4" x 1-1/2" Custom Shaped White Oak.....	6.81	1.02
06 46 36 00-0551 LF 3/4" x 2-1/2" Custom Shaped White Oak.....	8.69	1.02
06 46 36 00-0552 LF 3/4" x 3-1/2" Custom Shaped White Oak.....	10.55	1.02
06 46 36 00-0553 LF 3/4" x 4-1/2" Custom Shaped White Oak.....	12.43	1.12
06 46 36 00-0554 LF 3/4" x 5-1/2" Custom Shaped White Oak.....	14.40	1.12
06 46 36 00-0555 LF 3/4" x 6-1/2" Custom Shaped White Oak.....	16.38	1.21
06 46 36 00-0556 LF 3/4" x 7-1/2" Custom Shaped White Oak.....	18.24	1.21
06 46 36 00-0557 LF 3/4" x 8-1/2" Custom Shaped White Oak.....	20.14	1.21
06 46 36 00-0558 LF 3/4" x 9-1/2" Custom Shaped White Oak.....	21.95	1.30
06 46 36 00-0559 LF 3/4" x 10-1/2" Custom Shaped White Oak.....	23.96	1.39
06 46 36 00-0560 LF 3/4" x 11-1/2" Custom Shaped White Oak.....	25.87	1.39
06 46 36 00-0561 LF 1" x 1-1/2" Custom Shaped White Oak.....	8.13	1.02
06 46 36 00-0562 LF 1" x 2-1/2" Custom Shaped White Oak.....	10.63	1.02
06 46 36 00-0563 LF 1" x 3-1/2" Custom Shaped White Oak.....	13.09	1.12
06 46 36 00-0564 LF 1" x 4-1/2" Custom Shaped White Oak.....	16.51	1.12
06 46 36 00-0565 LF 1" x 5-1/2" Custom Shaped White Oak.....	18.17	1.21
06 46 36 00-0566 LF 1" x 6-1/2" Custom Shaped White Oak.....	20.78	1.21
06 46 36 00-0567 LF 1" x 7-1/2" Custom Shaped White Oak.....	23.22	1.21
06 46 36 00-0568 LF 1" x 8-1/2" Custom Shaped White Oak.....	25.71	1.30
06 46 36 00-0569 LF 1" x 9-1/2" Custom Shaped White Oak.....	28.17	1.30
06 46 36 00-0570 LF 1" x 10-1/2" Custom Shaped White Oak.....	30.81	1.39
06 46 36 00-0571 LF 1" x 11-1/2" Custom Shaped White Oak.....	33.31	1.39
06 46 36 00-0572 LF 1-1/4" x 1-1/2" Custom Shaped White Oak.....	10.26	1.02
06 46 36 00-0573 LF 1-1/4" x 2-1/2" Custom Shaped White Oak.....	13.76	1.02
06 46 36 00-0574 LF 1-1/4" x 3-1/2" Custom Shaped White Oak.....	17.27	1.12
06 46 36 00-0575 LF 1-1/4" x 4-1/2" Custom Shaped White Oak.....	20.77	1.12
06 46 36 00-0576 LF 1-1/4" x 5-1/2" Custom Shaped White Oak.....	24.38	1.21
06 46 36 00-0577 LF 1-1/4" x 6-1/2" Custom Shaped White Oak.....	27.99	1.21
06 46 36 00-0578 LF 1-1/4" x 7-1/2" Custom Shaped White Oak.....	31.49	1.30
06 46 36 00-0579 LF 1-1/4" x 8-1/2" Custom Shaped White Oak.....	35.01	1.30
06 46 36 00-0580 LF 1-1/4" x 9-1/2" Custom Shaped White Oak.....	38.47	1.30
06 46 36 00-0581 LF 1-1/4" x 10-1/2" Custom Shaped White Oak.....	42.10	1.39
06 46 36 00-0582 LF 1-1/4" x 11-1/2" Custom Shaped White Oak.....	45.65	1.48
06 46 36 00-0583 LF 1-1/2" x 1-1/2" Custom Shaped White Oak.....	16.97	1.02
06 46 36 00-0584 LF 1-1/2" x 2-1/2" Custom Shaped White Oak.....	23.78	1.12
06 46 36 00-0585 LF 1-1/2" x 3-1/2" Custom Shaped White Oak.....	30.60	1.12
06 46 36 00-0586 LF 1-1/2" x 4-1/2" Custom Shaped White Oak.....	37.41	1.21
06 46 36 00-0587 LF 1-1/2" x 5-1/2" Custom Shaped White Oak.....	44.25	1.21
06 46 36 00-0588 LF 1-1/2" x 6-1/2" Custom Shaped White Oak.....	51.26	1.30
06 46 36 00-0589 LF 1-1/2" x 7-1/2" Custom Shaped White Oak.....	58.06	1.30
06 46 36 00-0590 LF 1-1/2" x 8-1/2" Custom Shaped White Oak.....	64.91	1.39
06 46 36 00-0591 LF 1-1/2" x 9-1/2" Custom Shaped White Oak.....	70.76	1.39
06 46 36 00-0592 LF 1-1/2" x 10-1/2" Custom Shaped White Oak.....	78.60	1.48
06 46 36 00-0593 LF 1-1/2" x 11-1/2" Custom Shaped White Oak.....	85.46	1.48
06 46 36 00-0594 White Pine (06 46 36)		
06 46 36 00-0595 LF 3/4" x 1-1/2" Custom Shaped White Pine.....	7.62	1.02
06 46 36 00-0596 LF 3/4" x 2-1/2" Custom Shaped White Pine.....	9.91	1.02
06 46 36 00-0597 LF 3/4" x 3-1/2" Custom Shaped White Pine.....	12.19	1.02
06 46 36 00-0598 LF 3/4" x 4-1/2" Custom Shaped White Pine.....	14.47	1.12
06 46 36 00-0599 LF 3/4" x 5-1/2" Custom Shaped White Pine.....	16.85	1.12
06 46 36 00-0600 LF 3/4" x 6-1/2" Custom Shaped White Pine.....	19.24	1.21
06 46 36 00-0601 LF 3/4" x 7-1/2" Custom Shaped White Pine.....	21.50	1.21
06 46 36 00-0602 LF 3/4" x 8-1/2" Custom Shaped White Pine.....	23.81	1.21

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine.....	27.40	1.30
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine.....	29.95	1.39
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine.....	8.58	1.02
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine.....	11.31	1.02
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine.....	14.00	1.12
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine.....	16.74	1.12
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine.....	19.53	1.21
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine.....	22.36	1.21
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine.....	25.04	1.21
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine.....	27.80	1.30
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine.....	30.43	1.30
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine.....	33.30	1.39
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine.....	36.03	1.39
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine.....	9.72	1.02
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine.....	12.95	1.02
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine.....	16.28	1.12
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine.....	19.41	1.12
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine.....	22.75	1.21
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine.....	26.08	1.21
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine.....	29.31	1.30
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine.....	32.56	1.30
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine.....	35.75	1.30
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine.....	39.11	1.39
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine.....	42.38	1.48
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine.....	12.26	1.02
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine.....	16.71	1.12
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine.....	21.17	1.12
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine.....	25.63	1.21
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine.....	30.10	1.21
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine.....	34.75	1.30
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine.....	39.19	1.30
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine.....	43.69	1.39
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine.....	49.00	1.39
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine.....	52.66	1.48
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine.....	57.17	1.48
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine.....	19.04	1.12
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine.....	26.85	1.12
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine.....	34.64	1.12
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine.....	42.53	1.21
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine.....	50.34	1.21
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine.....	58.32	1.30
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine.....	66.12	1.30
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine.....	74.02	1.39
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine.....	81.82	1.39
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine.....	89.62	1.48
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine.....	97.61	1.58
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine.....	22.76	1.12
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine.....	32.38	1.12
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine.....	41.99	1.21
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine.....	51.69	1.21
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine.....	61.31	1.21
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine.....	71.11	1.30
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine.....	80.73	1.39
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine.....	90.44	1.39
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine.....	100.05	1.48
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine.....	109.67	1.48
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine.....	119.47	1.58
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine.....	58.41	1.21
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine.....	72.19	1.21
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine.....	85.89	1.30
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine.....	99.77	1.39
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine.....	113.48	1.39
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine.....	127.26	1.48
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine.....	140.95	1.48
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine.....	154.65	1.48
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine.....	168.54	1.58

06 46 36 00-0669 Clear Yellow Pine (06 46 36)

06 46 36 00-0670	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine.....	5.08	1.02
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine.....	6.10	1.02
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine.....	7.11	1.02
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine.....	8.12	1.12
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine.....	9.23	1.12
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine.....	10.35	1.21
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine.....	11.35	1.21
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine.....	12.38	1.21
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine.....	5.86	1.02
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine.....	7.23	1.02
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine.....	8.56	1.12
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine.....	9.94	1.12



Wood, Plastics, and Composites		06
Architectural Woodwork		06 40
Wood Trim		06 46

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0682	LF		1" x 5-1/2" Custom Shaped "C" Y Pine.....	11.37	1.21
06 46 36 00-0683	LF		1" x 6-1/2" Custom Shaped "C" Y Pine.....	12.84	1.21
06 46 36 00-0684	LF		1" x 7-1/2" Custom Shaped "C" Y Pine.....	14.61	1.21
06 46 36 00-0685	LF		1" x 8-1/2" Custom Shaped "C" Y Pine.....	16.05	1.30
06 46 36 00-0686	LF		1-1/2" x 1-1/2" Custom Shaped "C" Y Pine.....	6.81	1.02
06 46 36 00-0687	LF		1-1/2" x 2-1/2" Custom Shaped "C" Y Pine.....	8.55	1.12
06 46 36 00-0688	LF		1-1/2" x 3-1/2" Custom Shaped "C" Y Pine.....	10.29	1.12
06 46 36 00-0689	LF		1-1/2" x 4-1/2" Custom Shaped "C" Y Pine.....	12.02	1.21
06 46 36 00-0690	LF		1-1/2" x 5-1/2" Custom Shaped "C" Y Pine.....	13.77	1.21
06 46 36 00-0691	LF		1-1/2" x 6-1/2" Custom Shaped "C" Y Pine.....	15.71	1.30
06 46 36 00-0692	LF		1-1/2" x 7-1/2" Custom Shaped "C" Y Pine.....	17.43	1.30
06 46 36 00-0693	LF		1-1/2" x 8-1/2" Custom Shaped "C" Y Pine.....	19.20	1.39
06 46 36 00-0694	LF		1-1/2" x 9-1/2" Custom Shaped "C" Y Pine.....	22.24	1.39
06 46 36 00-0695	LF		1-1/2" x 10-1/2" Custom Shaped "C" Y Pine.....	22.92	1.48
06 46 36 00-0696 Poplar (06 46 36)					
06 46 36 00-0697	LF		3/4" x 1-1/2" Custom Shaped Poplar.....	5.36	1.02
06 46 36 00-0698	LF		3/4" x 2-1/2" Custom Shaped Poplar.....	6.51	1.02
06 46 36 00-0699	LF		3/4" x 3-1/2" Custom Shaped Poplar.....	7.65	1.02
06 46 36 00-0700	LF		3/4" x 4-1/2" Custom Shaped Poplar.....	8.80	1.12
06 46 36 00-0701	LF		3/4" x 5-1/2" Custom Shaped Poplar.....	10.05	1.12
06 46 36 00-0702	LF		3/4" x 6-1/2" Custom Shaped Poplar.....	11.30	1.21
06 46 36 00-0703	LF		3/4" x 7-1/2" Custom Shaped Poplar.....	12.43	1.21
06 46 36 00-0704	LF		3/4" x 8-1/2" Custom Shaped Poplar.....	13.61	1.21
06 46 36 00-0705	LF		3/4" x 9-1/2" Custom Shaped Poplar.....	14.70	1.30
06 46 36 00-0706	LF		3/4" x 10-1/2" Custom Shaped Poplar.....	15.98	1.39
06 46 36 00-0707	LF		3/4" x 11-1/2" Custom Shaped Poplar.....	17.26	1.39
06 46 36 00-0708	LF		1" x 1-1/2" Custom Shaped Poplar.....	6.23	1.02
06 46 36 00-0709	LF		1" x 2-1/2" Custom Shaped Poplar.....	7.73	1.02
06 46 36 00-0710	LF		1" x 3-1/2" Custom Shaped Poplar.....	9.24	1.12
06 46 36 00-0711	LF		1" x 4-1/2" Custom Shaped Poplar.....	10.75	1.12
06 46 36 00-0712	LF		1" x 5-1/2" Custom Shaped Poplar.....	12.41	1.21
06 46 36 00-0713	LF		1" x 6-1/2" Custom Shaped Poplar.....	14.02	1.21
06 46 36 00-0714	LF		1" x 7-1/2" Custom Shaped Poplar.....	15.52	1.21
06 46 36 00-0715	LF		1" x 8-1/2" Custom Shaped Poplar.....	17.05	1.30
06 46 36 00-0716	LF		1" x 9-1/2" Custom Shaped Poplar.....	18.55	1.30
06 46 36 00-0717	LF		1" x 10-1/2" Custom Shaped Poplar.....	20.20	1.39
06 46 36 00-0718	LF		1" x 11-1/2" Custom Shaped Poplar.....	21.74	1.39
06 46 36 00-0719	LF		1-1/4" x 1-1/2" Custom Shaped Poplar.....	7.00	1.02
06 46 36 00-0720	LF		1-1/4" x 2-1/2" Custom Shaped Poplar.....	8.87	1.02
06 46 36 00-0721	LF		1-1/4" x 3-1/2" Custom Shaped Poplar.....	10.74	1.12
06 46 36 00-0722	LF		1-1/4" x 4-1/2" Custom Shaped Poplar.....	12.61	1.12
06 46 36 00-0723	LF		1-1/4" x 5-1/2" Custom Shaped Poplar.....	14.59	1.21
06 46 36 00-0724	LF		1-1/4" x 6-1/2" Custom Shaped Poplar.....	16.56	1.21
06 46 36 00-0725	LF		1-1/4" x 7-1/2" Custom Shaped Poplar.....	18.43	1.30
06 46 36 00-0726	LF		1-1/4" x 8-1/2" Custom Shaped Poplar.....	20.32	1.30
06 46 36 00-0727	LF		1-1/4" x 9-1/2" Custom Shaped Poplar.....	22.14	1.30
06 46 36 00-0728	LF		1-1/4" x 10-1/2" Custom Shaped Poplar.....	24.14	1.39
06 46 36 00-0729	LF		1-1/4" x 11-1/2" Custom Shaped Poplar.....	26.06	1.48
06 46 36 00-0730	LF		1-1/2" x 1-1/2" Custom Shaped Poplar.....	8.81	1.02
06 46 36 00-0731	LF		1-1/2" x 2-1/2" Custom Shaped Poplar.....	11.54	1.12
06 46 36 00-0732	LF		1-1/2" x 3-1/2" Custom Shaped Poplar.....	14.28	1.12
06 46 36 00-0733	LF		1-1/2" x 4-1/2" Custom Shaped Poplar.....	17.01	1.21
06 46 36 00-0734	LF		1-1/2" x 5-1/2" Custom Shaped Poplar.....	19.76	1.21
06 46 36 00-0735	LF		1-1/2" x 6-1/2" Custom Shaped Poplar.....	22.69	1.30
06 46 36 00-0736	LF		1-1/2" x 7-1/2" Custom Shaped Poplar.....	25.41	1.30
06 46 36 00-0737	LF		1-1/2" x 8-1/2" Custom Shaped Poplar.....	28.18	1.39
06 46 36 00-0738	LF		1-1/2" x 9-1/2" Custom Shaped Poplar.....	30.86	1.39
06 46 36 00-0739	LF		1-1/2" x 10-1/2" Custom Shaped Poplar.....	33.71	1.48
06 46 36 00-0740	LF		1-1/2" x 11-1/2" Custom Shaped Poplar.....	36.49	1.48
06 46 36 00-0741	LF		2" x 1-1/2" Custom Shaped Poplar.....	11.56	1.12
06 46 36 00-0742	LF		2" x 2-1/2" Custom Shaped Poplar.....	15.65	1.12
06 46 36 00-0743	LF		2" x 3-1/2" Custom Shaped Poplar.....	19.68	1.12
06 46 36 00-0744	LF		2" x 4-1/2" Custom Shaped Poplar.....	23.85	1.21
06 46 36 00-0745	LF		2" x 5-1/2" Custom Shaped Poplar.....	27.90	1.21
06 46 36 00-0746	LF		2" x 6-1/2" Custom Shaped Poplar.....	32.16	1.30
06 46 36 00-0747	LF		2" x 7-1/2" Custom Shaped Poplar.....	36.19	1.30
06 46 36 00-0748	LF		2" x 8-1/2" Custom Shaped Poplar.....	40.37	1.39
06 46 36 00-0749	LF		2" x 9-1/2" Custom Shaped Poplar.....	44.41	1.39
06 46 36 00-0750	LF		2" x 10-1/2" Custom Shaped Poplar.....	48.50	1.48
06 46 36 00-0751	LF		2" x 11-1/2" Custom Shaped Poplar.....	52.72	1.58
06 46 36 00-0752	LF		2-1/2" x 1-1/2" Custom Shaped Poplar.....	14.33	1.12
06 46 36 00-0753	LF		2-1/2" x 2-1/2" Custom Shaped Poplar.....	19.73	1.12
06 46 36 00-0754	LF		2-1/2" x 3-1/2" Custom Shaped Poplar.....	25.12	1.21
06 46 36 00-0755	LF		2-1/2" x 4-1/2" Custom Shaped Poplar.....	30.61	1.21
06 46 36 00-0756	LF		2-1/2" x 5-1/2" Custom Shaped Poplar.....	36.01	1.21
06 46 36 00-0757	LF		2-1/2" x 6-1/2" Custom Shaped Poplar.....	41.59	1.30
06 46 36 00-0758	LF		2-1/2" x 7-1/2" Custom Shaped Poplar.....	46.99	1.39
06 46 36 00-0759	LF		2-1/2" x 8-1/2" Custom Shaped Poplar.....	52.49	1.39
06 46 36 00-0760	LF		2-1/2" x 9-1/2" Custom Shaped Poplar.....	57.88	1.48

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	63.28	1.48
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	68.86	1.58
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	34.47	1.21
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	42.26	1.21
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	49.98	1.30
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	57.97	1.39
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	65.59	1.39
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	73.39	1.48
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	81.10	1.48
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	88.81	1.48
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	96.71	1.58

06 46 36 00-0772**Clear Heart Redwood** (06 46 36)

06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	6.63	1.02
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	8.41	1.02
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	10.19	1.02
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	11.98	1.12
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	13.86	1.12
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	15.74	1.21
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	19.33	1.21
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	21.36	1.21
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	21.46	1.30
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	22.97	1.39
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	8.04	1.02
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	10.45	1.02
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	12.87	1.12
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	15.29	1.12
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	17.86	1.21
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	20.37	1.21
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	25.95	1.21
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	28.80	1.30
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	31.57	1.30
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	34.53	1.39
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	10.62	1.02
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	14.26	1.12
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	17.91	1.12
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	21.54	1.21
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	25.20	1.21
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	29.13	1.30
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	39.19	1.30
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	43.69	1.39
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	51.72	1.39
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	56.65	1.48
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	54.79	1.21
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	67.65	1.21
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	80.45	1.30
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	93.42	1.39
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	106.22	1.39
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	119.10	1.48
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	131.88	1.48
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	144.67	1.48
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	157.66	1.58

06 46 36 00-0812**Teak** (06 46 36)

06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	18.78	1.02
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	26.64	1.02
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	34.50	1.02
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	42.36	1.12
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	50.31	1.12
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	58.28	1.21
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	66.12	1.21
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	74.00	1.21
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	81.81	1.30
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	89.80	1.39
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	97.70	1.39
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	43.63	1.02
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	50.17	1.12
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	65.79	1.12
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	81.40	1.21
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	97.03	1.21
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	112.38	1.30
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	128.43	1.30
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	144.08	1.39
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	159.64	1.39
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	175.36	1.48
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	191.02	1.48

06 46 36 00-0835**Walnut** (06 46 36)

**Wood, Plastics, and Composites****06**

Architectural Woodwork

06 40

Wood Trim

06 46**06**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0836 LF 3/4" x 1-1/2" Custom Shaped Walnut.....	10.16	1.02
06 46 36 00-0837 LF 3/4" x 2-1/2" Custom Shaped Walnut.....	13.72	1.02
06 46 36 00-0838 LF 3/4" x 3-1/2" Custom Shaped Walnut.....	17.26	1.02
06 46 36 00-0839 LF 3/4" x 4-1/2" Custom Shaped Walnut.....	20.82	1.12
06 46 36 00-0840 LF 3/4" x 5-1/2" Custom Shaped Walnut.....	24.47	1.12
06 46 36 00-0841 LF 3/4" x 6-1/2" Custom Shaped Walnut.....	28.12	1.21
06 46 36 00-0842 LF 3/4" x 7-1/2" Custom Shaped Walnut.....	31.66	1.21
06 46 36 00-0843 LF 3/4" x 8-1/2" Custom Shaped Walnut.....	35.24	1.21
06 46 36 00-0844 LF 3/4" x 9-1/2" Custom Shaped Walnut.....	38.73	1.30
06 46 36 00-0845 LF 3/4" x 10-1/2" Custom Shaped Walnut.....	42.42	1.39
06 46 36 00-0846 LF 3/4" x 11-1/2" Custom Shaped Walnut.....	46.00	1.39
06 46 36 00-0847 LF 1" x 1-1/2" Custom Shaped Walnut.....	12.21	1.02
06 46 36 00-0848 LF 1" x 2-1/2" Custom Shaped Walnut.....	16.76	1.02
06 46 36 00-0849 LF 1" x 3-1/2" Custom Shaped Walnut.....	21.25	1.12
06 46 36 00-0850 LF 1" x 4-1/2" Custom Shaped Walnut.....	25.81	1.12
06 46 36 00-0851 LF 1" x 5-1/2" Custom Shaped Walnut.....	30.42	1.21
06 46 36 00-0852 LF 1" x 6-1/2" Custom Shaped Walnut.....	35.06	1.21
06 46 36 00-0853 LF 1" x 7-1/2" Custom Shaped Walnut.....	39.55	1.21
06 46 36 00-0854 LF 1" x 8-1/2" Custom Shaped Walnut.....	44.12	1.30
06 46 36 00-0855 LF 1" x 9-1/2" Custom Shaped Walnut.....	48.57	1.30
06 46 36 00-0856 LF 1" x 10-1/2" Custom Shaped Walnut.....	53.25	1.39
06 46 36 00-0857 LF 1" x 11-1/2" Custom Shaped Walnut.....	57.79	1.39
06 46 36 00-0858 LF 1-1/4" x 1-1/2" Custom Shaped Walnut.....	15.02	1.02
06 46 36 00-0859 LF 1-1/4" x 2-1/2" Custom Shaped Walnut.....	20.93	1.02
06 46 36 00-0860 LF 1-1/4" x 3-1/2" Custom Shaped Walnut.....	26.80	1.12
06 46 36 00-0861 LF 1-1/4" x 4-1/2" Custom Shaped Walnut.....	32.70	1.12
06 46 36 00-0862 LF 1-1/4" x 5-1/2" Custom Shaped Walnut.....	38.67	1.21
06 46 36 00-0863 LF 1-1/4" x 6-1/2" Custom Shaped Walnut.....	44.67	1.21
06 46 36 00-0864 LF 1-1/4" x 7-1/2" Custom Shaped Walnut.....	50.53	1.30
06 46 36 00-0865 LF 1-1/4" x 8-1/2" Custom Shaped Walnut.....	56.46	1.30
06 46 36 00-0866 LF 1-1/4" x 9-1/2" Custom Shaped Walnut.....	62.27	1.30
06 46 36 00-0867 LF 1-1/4" x 10-1/2" Custom Shaped Walnut.....	68.31	1.39
06 46 36 00-0868 LF 1-1/4" x 11-1/2" Custom Shaped Walnut.....	74.22	1.48
06 46 36 00-0869 LF 1-1/2" x 1-1/2" Custom Shaped Walnut.....	20.42	1.02
06 46 36 00-0870 LF 1-1/2" x 2-1/2" Custom Shaped Walnut.....	28.95	1.12
06 46 36 00-0871 LF 1-1/2" x 3-1/2" Custom Shaped Walnut.....	37.50	1.12
06 46 36 00-0872 LF 1-1/2" x 4-1/2" Custom Shaped Walnut.....	46.03	1.21
06 46 36 00-0873 LF 1-1/2" x 5-1/2" Custom Shaped Walnut.....	54.58	1.21
06 46 36 00-0874 LF 1-1/2" x 6-1/2" Custom Shaped Walnut.....	63.32	1.30
06 46 36 00-0875 LF 1-1/2" x 7-1/2" Custom Shaped Walnut.....	71.84	1.30
06 46 36 00-0876 LF 1-1/2" x 8-1/2" Custom Shaped Walnut.....	80.42	1.39
06 46 36 00-0877 LF 1-1/2" x 9-1/2" Custom Shaped Walnut.....	89.81	1.39
06 46 36 00-0878 LF 1-1/2" x 10-1/2" Custom Shaped Walnut.....	97.55	1.48
06 46 36 00-0879 LF 1-1/2" x 11-1/2" Custom Shaped Walnut.....	106.14	1.48
06 46 36 00-0880 LF 2" x 1-1/2" Custom Shaped Walnut.....	34.45	1.12
06 46 36 00-0881 LF 2" x 2-1/2" Custom Shaped Walnut.....	49.97	1.12
06 46 36 00-0882 LF 2" x 3-1/2" Custom Shaped Walnut.....	65.48	1.12
06 46 36 00-0883 LF 2" x 4-1/2" Custom Shaped Walnut.....	81.08	1.21
06 46 36 00-0884 LF 2" x 5-1/2" Custom Shaped Walnut.....	96.59	1.21
06 46 36 00-0885 LF 2" x 6-1/2" Custom Shaped Walnut.....	112.28	1.30
06 46 36 00-0886 LF 2" x 7-1/2" Custom Shaped Walnut.....	127.79	1.30
06 46 36 00-0887 LF 2" x 8-1/2" Custom Shaped Walnut.....	143.39	1.39
06 46 36 00-0888 LF 2" x 9-1/2" Custom Shaped Walnut.....	158.90	1.39
06 46 36 00-0889 LF 2" x 10-1/2" Custom Shaped Walnut.....	174.42	1.48
06 46 36 00-0890 LF 2" x 11-1/2" Custom Shaped Walnut.....	190.11	1.58
06 46 36 00-0891 LF 2-1/2" x 1-1/2" Custom Shaped Walnut.....	43.17	1.12
06 46 36 00-0892 LF 2-1/2" x 2-1/2" Custom Shaped Walnut.....	62.98	1.12
06 46 36 00-0893 LF 2-1/2" x 3-1/2" Custom Shaped Walnut.....	82.80	1.21
06 46 36 00-0894 LF 2-1/2" x 4-1/2" Custom Shaped Walnut.....	102.70	1.21
06 46 36 00-0895 LF 2-1/2" x 5-1/2" Custom Shaped Walnut.....	122.53	1.21
06 46 36 00-0896 LF 2-1/2" x 6-1/2" Custom Shaped Walnut.....	142.52	1.30
06 46 36 00-0897 LF 2-1/2" x 7-1/2" Custom Shaped Walnut.....	162.35	1.39
06 46 36 00-0898 LF 2-1/2" x 8-1/2" Custom Shaped Walnut.....	182.26	1.39
06 46 36 00-0899 LF 2-1/2" x 9-1/2" Custom Shaped Walnut.....	202.08	1.48
06 46 36 00-0900 LF 2-1/2" x 10-1/2" Custom Shaped Walnut.....	221.89	1.48
06 46 36 00-0901 LF 2-1/2" x 11-1/2" Custom Shaped Walnut.....	241.90	1.58

06 48 Wood Frames (06 40)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames (06 48)**06 48 13 00-0001 Exterior Door Frames** (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002 EA 3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	472.75	52.73
For Birch, Add	128.58	
For Mahogany, Add	312.27	
06 48 13 00-0003 EA 3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	498.19	55.26
For Birch, Add	135.86	
For Mahogany, Add	329.94	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 48 Wood Frames**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 13 00-0004 EA 4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	523.64	57.41
For Birch, Add	143.12	
For Mahogany, Add	347.58	
06 48 13 00-0005 EA 5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	573.37	61.45
For Birch, Add	157.64	
For Mahogany, Add	382.85	
06 48 13 00-0006 EA 6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	623.68	65.84
For Birch, Add	172.19	
For Mahogany, Add	418.17	
06 48 13 00-0007 EA 3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim.....	780.62	52.92
06 48 13 00-0008 EA 3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	790.90	55.26
06 48 13 00-0009 EA 4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	801.16	57.61
06 48 13 00-0010 EA 5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	819.87	61.35
06 48 13 00-0011 EA 6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	840.55	66.03
06 48 13 00-0012 EA 3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	578.51	52.92
06 48 13 00-0013 EA 3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	607.03	55.26
06 48 13 00-0014 EA 4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	635.65	57.61
06 48 13 00-0015 EA 5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	690.83	61.35
06 48 13 00-0016 EA 6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	747.90	66.03

06 48 16 Interior Wood Door Frames (06 48)**06 48 16 00-0001 Interior Door Frames (06 48 16)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002 EA 2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	240.32	25.10
For Oak Or Maple, Add	58.94	
For Birch, Add	66.55	
For Mahogany, Add	161.62	
For Walnut Frame, Add	85.56	
06 48 16 00-0003 EA 2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	242.15	25.19
For Oak Or Maple, Add	59.44	
For Birch, Add	67.11	
For Mahogany, Add	162.98	
For Walnut Frame, Add	86.28	
06 48 16 00-0004 EA 2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	244.58	25.66
For Oak Or Maple, Add	59.89	
For Birch, Add	67.61	
For Mahogany, Add	164.20	
For Walnut Frame, Add	86.93	
06 48 16 00-0005 EA 3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	247.77	26.32
For Oak Or Maple, Add	60.48	
For Birch, Add	68.28	
For Mahogany, Add	165.83	
For Walnut Frame, Add	87.79	
06 48 16 00-0006 EA 3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	253.26	26.97
For Oak Or Maple, Add	61.76	
For Birch, Add	69.73	
For Mahogany, Add	169.34	
For Walnut Frame, Add	89.65	
06 48 16 00-0007 EA 4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	267.11	28.67
For Oak Or Maple, Add	65.02	
For Birch, Add	73.41	
For Mahogany, Add	178.29	
For Walnut Frame, Add	94.39	
06 48 16 00-0008 EA 5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	282.39	31.00
For Oak Or Maple, Add	68.30	
For Birch, Add	77.12	
For Mahogany, Add	187.28	
For Walnut Frame, Add	99.15	
06 48 16 00-0009 EA 6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	296.72	32.97
For Oak Or Maple, Add	71.57	
For Birch, Add	80.80	
For Mahogany, Add	196.23	
For Walnut Frame, Add	103.89	
06 48 16 00-0010 LF 4-9/16", Pine Interior Door Frame	7.97	2.25
For Oak Or Maple, Add	1.08	
For Birch, Add	1.22	
For Mahogany, Add	2.96	
For Walnut Frame, Add	1.57	

06 49 Wood Screens and Exterior Wood Shutters (06 40)**06 49 19 Exterior Wood Shutters (06 49)**

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics (06)**06 51 Structural Plastic Shapes and Plates (06 50)****06 51 13 Plastic Lumber (06 51)****06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)**



Wood, Plastics, and Composites			06	06
Structural Plastics			06 50	
Structural Plastic Shapes and Plates			06 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	.....	9.34	1.51
		For Reinforced Structural Plastic Lumber, Add	.....	2.66	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.65	
		For White Color, Add	.....	3.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	2.59	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	.....	11.89	1.64
		For Reinforced Structural Plastic Lumber, Add	.....	3.53	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.86	
		For White Color, Add	.....	4.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	3.44	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	.....	14.23	1.77
		For Reinforced Structural Plastic Lumber, Add	.....	4.33	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.05	
		For White Color, Add	.....	4.97	
		For All Other Colors (Except Black, Brown Or White), Add	.....	4.21	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	.....	20.73	2.10
		For Reinforced Structural Plastic Lumber, Add	.....	6.56	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.60	
		For White Color, Add	.....	7.54	
		For All Other Colors (Except Black, Brown Or White), Add	.....	6.38	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	.....	24.80	2.36
		For Reinforced Structural Plastic Lumber, Add	.....	7.93	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.93	
		For White Color, Add	.....	9.11	
		For All Other Colors (Except Black, Brown Or White), Add	.....	7.71	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	.....	13.45	2.03
		For Reinforced Structural Plastic Lumber, Add	.....	3.90	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.95	
		For White Color, Add	.....	4.48	
		For All Other Colors (Except Black, Brown Or White), Add	.....	3.80	
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	.....	18.07	2.16
		For Reinforced Structural Plastic Lumber, Add	.....	5.54	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.35	
		For White Color, Add	.....	6.37	
		For All Other Colors (Except Black, Brown Or White), Add	.....	5.39	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	.....	18.81	2.23
		For Reinforced Structural Plastic Lumber, Add	.....	5.78	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.41	
		For White Color, Add	.....	6.64	
		For All Other Colors (Except Black, Brown Or White), Add	.....	5.62	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	.....	25.89	2.43
		For Reinforced Structural Plastic Lumber, Add	.....	8.30	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	2.02	
		For White Color, Add	.....	9.53	
		For All Other Colors (Except Black, Brown Or White), Add	.....	8.07	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	.....	35.26	2.56
		For Reinforced Structural Plastic Lumber, Add	.....	11.69	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	2.84	
		For White Color, Add	.....	13.43	
		For All Other Colors (Except Black, Brown Or White), Add	.....	11.38	
06 51 13 00-0012		Joists, Recycled Plastic Lumber (06 51 13)			
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	.....	6.07	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	1.79	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.44	
		For White Color, Add	.....	2.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.75	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	.....	8.41	0.89
		For Reinforced Structural Plastic Lumber, Add	.....	2.66	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.65	
		For White Color, Add	.....	3.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	2.59	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	.....	10.96	0.99
		For Reinforced Structural Plastic Lumber, Add	.....	3.53	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.86	
		For White Color, Add	.....	4.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	3.44	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	13.38	1.18
		For Reinforced Structural Plastic Lumber, Add	4.33	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.05	
		For White Color, Add	4.97	
		For All Other Colors (Except Black, Brown Or White), Add	4.21	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	19.70	1.38
		For Reinforced Structural Plastic Lumber, Add	6.56	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.60	
		For White Color, Add	7.54	
		For All Other Colors (Except Black, Brown Or White), Add	6.38	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	23.96	1.77
		For Reinforced Structural Plastic Lumber, Add	7.93	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.93	
		For White Color, Add	9.11	
		For All Other Colors (Except Black, Brown Or White), Add	7.71	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	12.33	1.24
		For Reinforced Structural Plastic Lumber, Add	3.90	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.95	
		For White Color, Add	4.48	
		For All Other Colors (Except Black, Brown Or White), Add	3.80	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	16.86	1.31
		For Reinforced Structural Plastic Lumber, Add	5.54	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.35	
		For White Color, Add	6.37	
		For All Other Colors (Except Black, Brown Or White), Add	5.39	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	17.68	1.45
		For Reinforced Structural Plastic Lumber, Add	5.78	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.41	
		For White Color, Add	6.64	
		For All Other Colors (Except Black, Brown Or White), Add	5.62	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	24.77	1.64
		For Reinforced Structural Plastic Lumber, Add	8.30	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.02	
		For White Color, Add	9.53	
		For All Other Colors (Except Black, Brown Or White), Add	8.07	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	34.13	1.77
		For Reinforced Structural Plastic Lumber, Add	11.69	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.84	
		For White Color, Add	13.43	
		For All Other Colors (Except Black, Brown Or White), Add	11.38	
06 51 13 00-0024		Columns, Recycled Plastic Lumber (06 51 13)		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	14.39	2.69
		For Reinforced Structural Plastic Lumber, Add	3.90	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.95	
		For White Color, Add	4.48	
		For All Other Colors (Except Black, Brown Or White), Add	3.80	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	20.41	3.80
		For Reinforced Structural Plastic Lumber, Add	5.54	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.35	
		For White Color, Add	6.37	
		For All Other Colors (Except Black, Brown Or White), Add	5.39	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	21.71	4.26
		For Reinforced Structural Plastic Lumber, Add	5.78	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.41	
		For White Color, Add	6.64	
		For All Other Colors (Except Black, Brown Or White), Add	5.62	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	29.36	4.85
		For Reinforced Structural Plastic Lumber, Add	8.30	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.02	
		For White Color, Add	9.53	
		For All Other Colors (Except Black, Brown Or White), Add	8.07	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	40.13	5.96
		For Reinforced Structural Plastic Lumber, Add	11.69	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.84	
		For White Color, Add	13.43	
		For All Other Colors (Except Black, Brown Or White), Add	11.38	
06 51 13 00-0030		Walls, Recycled Plastic Lumber (06 51 13)		



Wood, Plastics, and Composites			06	06
Structural Plastics			06 50	
Structural Plastic Shapes and Plates			06 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	.....	5.45	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	1.57	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.38	
		For White Color, Add	.....	1.80	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.52	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	.....	6.26	0.99
		For Reinforced Structural Plastic Lumber, Add	.....	1.79	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.44	
		For White Color, Add	.....	2.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.75	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	.....	8.69	1.05
		For Reinforced Structural Plastic Lumber, Add	.....	2.66	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.65	
		For White Color, Add	.....	3.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	2.59	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	.....	11.14	1.11
		For Reinforced Structural Plastic Lumber, Add	.....	3.53	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.86	
		For White Color, Add	.....	4.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	3.44	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber	.....		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	.....	5.31	0.75
		For Reinforced Structural Plastic Lumber, Add	.....	1.54	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.38	
		For White Color, Add	.....	1.77	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.50	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	.....	6.74	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	2.05	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.50	
		For White Color, Add	.....	2.35	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.99	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	.....	8.81	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	2.81	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.68	
		For White Color, Add	.....	3.23	
		For All Other Colors (Except Black, Brown Or White), Add	.....	2.74	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	.....	5.34	0.75
		For Reinforced Structural Plastic Lumber, Add	.....	1.55	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.38	
		For White Color, Add	.....	1.79	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.51	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	.....	5.90	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	1.74	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.42	
		For White Color, Add	.....	1.99	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.69	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	.....	6.01	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	1.78	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.43	
		For White Color, Add	.....	2.04	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.73	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	.....	3.71	0.72
		For Reinforced Structural Plastic Lumber, Add	.....	0.99	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.24	
		For White Color, Add	.....	1.14	
		For All Other Colors (Except Black, Brown Or White), Add	.....	0.96	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	.....	5.45	0.85
		For Reinforced Structural Plastic Lumber, Add	.....	1.57	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.38	
		For White Color, Add	.....	1.80	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.52	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	.....	6.26	0.99
		For Reinforced Structural Plastic Lumber, Add	.....	1.79	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.44	
		For White Color, Add	.....	2.06	
		For All Other Colors (Except Black, Brown Or White), Add	.....	1.75	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	8.69	1.05
		For Reinforced Structural Plastic Lumber, Add	2.66	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.65	
		For White Color, Add	3.06	
		For All Other Colors (Except Black, Brown Or White), Add	2.59	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	11.14	1.11
		For Reinforced Structural Plastic Lumber, Add	3.53	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.86	
		For White Color, Add	4.06	
		For All Other Colors (Except Black, Brown Or White), Add	3.44	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	13.38	1.18
		For Reinforced Structural Plastic Lumber, Add	4.33	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.05	
		For White Color, Add	4.97	
		For All Other Colors (Except Black, Brown Or White), Add	4.21	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	16.16	1.24
		For Reinforced Structural Plastic Lumber, Add	5.32	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.30	
		For White Color, Add	6.12	
		For All Other Colors (Except Black, Brown Or White), Add	5.18	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	8.93	1.15
		For Reinforced Structural Plastic Lumber, Add	2.70	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.66	
		For White Color, Add	3.10	
		For All Other Colors (Except Black, Brown Or White), Add	2.62	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	13.06	1.22
		For Reinforced Structural Plastic Lumber, Add	4.18	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.02	
		For White Color, Add	4.81	
		For All Other Colors (Except Black, Brown Or White), Add	4.07	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	16.98	1.31
		For Reinforced Structural Plastic Lumber, Add	5.60	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.36	
		For White Color, Add	6.43	
		For All Other Colors (Except Black, Brown Or White), Add	5.45	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	19.70	1.38
		For Reinforced Structural Plastic Lumber, Add	6.56	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.60	
		For White Color, Add	7.54	
		For All Other Colors (Except Black, Brown Or White), Add	6.38	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	23.96	1.77
		For Reinforced Structural Plastic Lumber, Add	7.93	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.93	
		For White Color, Add	9.11	
		For All Other Colors (Except Black, Brown Or White), Add	7.71	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	12.33	1.24
		For Reinforced Structural Plastic Lumber, Add	3.90	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.95	
		For White Color, Add	4.48	
		For All Other Colors (Except Black, Brown Or White), Add	3.80	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	16.86	1.31
		For Reinforced Structural Plastic Lumber, Add	5.54	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.35	
		For White Color, Add	6.37	
		For All Other Colors (Except Black, Brown Or White), Add	5.39	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	22.64	1.43
		For Reinforced Structural Plastic Lumber, Add	7.63	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.85	
		For White Color, Add	8.76	
		For All Other Colors (Except Black, Brown Or White), Add	7.42	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	17.68	1.45
		For Reinforced Structural Plastic Lumber, Add	5.78	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.41	
		For White Color, Add	6.64	
		For All Other Colors (Except Black, Brown Or White), Add	5.62	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	24.77	1.64
		For Reinforced Structural Plastic Lumber, Add	8.30	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.02	
		For White Color, Add	9.53	
		For All Other Colors (Except Black, Brown Or White), Add	8.07	



Wood, Plastics, and Composites			06	06
Structural Plastics			06 50	
Structural Plastic Shapes and Plates			06 51	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	34.13	1.77
		For Reinforced Structural Plastic Lumber, Add	11.69	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.84	
		For White Color, Add	13.43	
		For All Other Colors (Except Black, Brown Or White), Add	11.38	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	48.15	1.97
		For Reinforced Structural Plastic Lumber, Add	16.78	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	4.08	
		For White Color, Add	19.27	
		For All Other Colors (Except Black, Brown Or White), Add	16.32	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	42.83	1.90
		For Reinforced Structural Plastic Lumber, Add	14.85	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	3.61	
		For White Color, Add	17.06	
		For All Other Colors (Except Black, Brown Or White), Add	14.45	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	73.07	1.97
		For Reinforced Structural Plastic Lumber, Add	26.00	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	6.32	
		For White Color, Add	29.86	
		For All Other Colors (Except Black, Brown Or White), Add	25.29	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	101.31	2.06
		For Reinforced Structural Plastic Lumber, Add	36.40	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	8.86	
		For White Color, Add	41.82	
		For All Other Colors (Except Black, Brown Or White), Add	35.42	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	3.97	0.65
		For Reinforced Structural Plastic Lumber, Add	1.12	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.27	
		For White Color, Add	1.29	
		For All Other Colors (Except Black, Brown Or White), Add	1.09	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	11.31	0.85
		For Reinforced Structural Plastic Lumber, Add	3.73	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.91	
		For White Color, Add	4.29	
		For All Other Colors (Except Black, Brown Or White), Add	3.63	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	12.48	0.99
		For Reinforced Structural Plastic Lumber, Add	4.10	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.00	
		For White Color, Add	4.70	
		For All Other Colors (Except Black, Brown Or White), Add	3.99	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	15.44	1.18
		For Reinforced Structural Plastic Lumber, Add	5.09	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.24	
		For White Color, Add	5.85	
		For All Other Colors (Except Black, Brown Or White), Add	4.95	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	34.07	1.38
		For Reinforced Structural Plastic Lumber, Add	11.88	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.89	
		For White Color, Add	13.64	
		For All Other Colors (Except Black, Brown Or White), Add	11.56	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	3.22	0.72
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	4.69	0.75
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	6.75	0.79
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	8.59	0.83

06 52 Plastic Structural Assemblies (06 50)

06 52 13 Plastic Columns (06 52)

06 52 13 00-0001 Round Fiberglass Columns (06 52 13)

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	19.18	6.09
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	26.97	8.87
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	31.57	9.97
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	40.30	10.44
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	49.57	12.05
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	37.18	11.55
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	41.40	12.47
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	49.35	13.85
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	71.12	14.78
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	98.91	16.17

06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	20.56	6.09
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06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 52 Plastic Structural Assemblies**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0014 LF 8" Diameter, Fluted Fiberglass Column.....	28.81	8.87
06 52 13 00-0015 LF 10" Diameter, Fluted Fiberglass Column.....	33.89	9.97
06 52 13 00-0016 LF 12" Diameter, Fluted Fiberglass Column.....	44.21	10.44
06 52 13 00-0017 LF 15" Diameter, Fluted Fiberglass Column.....	54.66	12.10
06 52 13 00-0018 EA 6" Diameter, Base And Cap For Fluted Fiberglass Columns	39.99	11.55
06 52 13 00-0019 EA 8" Diameter, Base And Cap For Fluted Fiberglass Columns	44.69	12.47
06 52 13 00-0020 EA 10" Diameter, Base And Cap For Fluted Fiberglass Columns	53.67	13.85
06 52 13 00-0021 EA 12" Diameter, Base And Cap For Fluted Fiberglass Columns	79.43	14.78
06 52 13 00-0022 EA 15" Diameter, Base And Cap For Fluted Fiberglass Columns	112.23	16.17
06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)		
06 52 13 00-0024 EA 8" Roman Ionic Cap And Base For Fiberglass Columns.....	176.60	13.85
06 52 13 00-0025 EA 10" Roman Ionic Cap And Base For Fiberglass Columns.....	236.81	16.17
06 52 13 00-0026 EA 12" Roman Ionic Cap And Base For Fiberglass Columns.....	304.56	18.47
06 52 13 00-0027 EA 8" Scamozzi Cap And Base For Fiberglass Columns	211.46	13.85
06 52 13 00-0028 EA 10" Scamozzi Cap And Base For Fiberglass Columns	254.72	16.17
06 52 13 00-0029 EA 12" Scamozzi Cap And Base For Fiberglass Columns	374.29	18.47
06 52 13 00-0030 EA 8" Corinthian Cap And Base For Fiberglass Columns.....	268.00	13.85
06 52 13 00-0031 EA 10" Corinthian Cap And Base For Fiberglass Columns	325.39	16.17
06 52 13 00-0032 EA 12" Corinthian Cap And Base For Fiberglass Columns	432.71	18.47
06 52 13 00-0033 EA 8" Temple Of Winds Cap And Base For Fiberglass Columns	179.43	13.85
06 52 13 00-0034 EA 10" Temple Of Winds Cap And Base For Fiberglass Columns	242.47	16.17
06 52 13 00-0035 EA 12" Temple Of Winds Cap And Base For Fiberglass Columns	310.22	18.47
06 52 13 00-0036 EA 8" Greek Eretheum Cap And Base For Fiberglass Columns.....	179.43	13.85
06 52 13 00-0037 EA 10" Greek Eretheum Cap And Base For Fiberglass Columns	216.08	16.17
06 52 13 00-0038 EA 12" Greek Eretheum Cap And Base For Fiberglass Columns.....	286.66	18.47
06 53 Plastic Decking (06 50)		
06 53 16 Plastic Stair Treads (06 53)		
06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads (06 53 16)		
Note: Includes standard colors and anchors. Excludes stringers.		
06 53 16 00-0003 LF 1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer.....	31.52	2.38
06 53 16 00-0004 LF 1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	42.58	2.85
06 53 16 00-0005 LF 2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer.....	57.74	3.14
06 60 Plastic Fabrications (06)		
06 65 Plastic Trim (06 60)		
06 65 00 00-0001 Plastic Moldings (06 65)		
Note: All dimensions are nominal.		
06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0003 LF 3-1/2" High, Base, Plastic Molding	5.53	1.85
06 65 00 00-0004 LF 4-1/2" High, Base, Plastic Molding	6.74	2.32
06 65 00 00-0005 LF 3/4" x 1", Base Shoe, Plastic Molding	5.11	1.95
06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0007 LF 1" x 2" Cornice, Plastic Molding	5.07	1.85
06 65 00 00-0008 LF 1" x 4" Cornice, Plastic Molding	6.31	1.95
06 65 00 00-0009 LF 1" x 6" Cornice, Plastic Molding	8.70	2.05
06 65 00 00-0010 LF 1" x 8" Cornice, Plastic Molding	10.00	2.14
06 65 00 00-0011 LF 1" x 10" Cornice, Plastic Molding	11.52	2.23
06 65 00 00-0012 LF 1" x 12" Cornice, Plastic Molding	14.76	2.32
06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0014 LF 9/16" x 1-5/8" Crown Or Bed, Plastic Molding	9.15	1.85
06 65 00 00-0015 LF 9/16" x 2-1/4" Crown Or Bed, Plastic Molding	12.25	2.32
06 65 00 00-0016 LF 9/16" x 3-1/2" Crown Or Bed, Plastic Molding	12.78	2.32
06 65 00 00-0017 LF 9/16" x 3-5/8" Crown Or Bed, Plastic Molding	13.30	2.32
06 65 00 00-0018 LF 5/8" x 4-1/4" Crown Or Bed, Plastic Molding	17.34	2.78
06 65 00 00-0019 LF 11/16" x 4-5/8" Crown Or Bed, Plastic Molding	20.58	2.78
06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0021 LF 11/16" x 1-3/8" Dentil, Plastic Molding	7.76	1.85
06 65 00 00-0022 LF 5/8" x 2-1/2" Dentil, Plastic Molding	8.75	1.85
06 65 00 00-0023 LF 1-3/8" x 3-3/8" Dentil, Plastic Molding	10.98	1.85
06 65 00 00-0024 LF 1-1/2" x 4-1/2" Dentil, Plastic Molding	14.83	1.85
06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0026 LF 3/8" x 3/8" Cove, Plastic Molding	2.95	1.02



Wood, Plastics, and Composites			06
Plastic Fabrications			06 60
Plastic Trim			06 65

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0027 LF 1/2" x 1/2" Cove, Plastic Molding	3.22	1.02
06 65 00 00-0028 LF 5/8" x 5/8" Cove, Plastic Molding	4.24	1.21
06 65 00 00-0029 LF 3/4" x 3/4" Cove, Plastic Molding	4.24	1.21
06 65 00 00-0030 LF 15/16" x 15/16" Cove, Plastic Molding	5.39	1.21
06 65 00 00-0031 LF 9/16" x 1-3/4" Cove, Plastic Molding	7.06	1.39
06 65 00 00-0032 LF 11/16" x 2-3/4" Cove, Plastic Molding	9.50	1.39
06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0034 LF 1/2" x 1-5/8" Chair Rail, Plastic Molding	4.95	1.39
06 65 00 00-0035 LF 5/8" x 2-1/2" Chair Rail, Plastic Molding	6.69	1.85
06 65 00 00-0036 LF 5/8" x 3-1/2" Chair Rail, Plastic Molding	8.19	1.85
06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0038 LF 1-1/8" Wide, Door, Plastic Molding	4.24	1.67
06 65 00 00-0039 LF 1-1/8" Wide, Detailed Door, Plastic Molding	4.27	1.67
06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0041 LF 1/2" x 1/2" Quarter Round Trim, Plastic Molding	4.44	1.95
06 65 00 00-0042 LF 3/4" x 3/4" Quarter Round Trim, Plastic Molding	4.98	1.95
06 65 00 00-0043 LF 1-1/4" x 2" Brick Mould, Plastic Molding	8.12	1.85
06 65 00 00-0044 LF 1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	10.19	1.85
06 65 00 00-0045 LF 11/16" x 1-5/8" Drip Cap, Plastic Molding	6.12	1.85
06 65 00 00-0046 LF 2-3/4" x 2" Water Table, Plastic Molding	11.69	1.85
06 65 00 00-0047 LF 3/8" x 2" Garage Door Stop, Plastic Molding	7.25	1.85
06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard (06 65)		
Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049 LF 1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	6.62	0.75
06 65 00 00-0050 LF 1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	10.03	0.84
06 65 00 00-0051 LF 1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	13.38	0.93
06 65 00 00-0052 LF 1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	16.44	0.95
06 65 00 00-0053 LF 1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	19.81	0.98
06 65 00 00-0054 LF 5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	8.45	0.75
06 65 00 00-0055 LF 5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	12.87	0.84
06 65 00 00-0056 LF 5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	16.55	0.93
06 65 00 00-0057 LF 5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	20.77	0.95
06 65 00 00-0058 LF 5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	24.65	0.98
06 65 00 00-0059 LF 3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	19.77	0.95
06 65 00 00-0060 LF 5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	26.81	0.98
06 65 00 00-0061 SF 1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	13.60	0.84
06 65 00 00-0062 SF 3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	20.03	0.93
06 70 Structural Composites (06)		
06 74 Composite Gratings (06 70)		
06 74 13 Fiberglass Reinforced Gratings (06 74)		
06 74 13 00-0001 Molded Fiberglass Gratings And Coverings (06 74 13)		
06 74 13 00-0002 Vi-Corr Resin System (06 74 13 00-0001)		
Note: Orange or dark gray.		
06 74 13 00-0003 SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	36.14	1.71
06 74 13 00-0004 SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	35.11	1.71
06 74 13 00-0005 SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	45.78	1.71
06 74 13 00-0006 SF 2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	49.60	2.19
06 74 13 00-0007 SF 1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	37.92	1.71
06 74 13 00-0008 SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	36.85	1.71
06 74 13 00-0009 SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	48.35	1.71
06 74 13 00-0010 SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	52.03	2.19
06 74 13 00-0011 SF 1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	34.23	1.37
06 74 13 00-0012 SF 1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	55.39	1.50
06 74 13 00-0013 SF 3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	75.88	1.65
06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)		
06 74 13 00-0015 SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	33.25	1.71
06 74 13 00-0016 SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	31.15	1.71
06 74 13 00-0017 SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	40.05	1.71
06 74 13 00-0018 SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	43.24	2.19
06 74 13 00-0019 SF 1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	34.71	1.71
06 74 13 00-0020 SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	31.98	1.71
06 74 13 00-0021 SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	43.55	2.19
06 74 13 00-0022 SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	45.64	2.19
06 74 13 00-0023 SF 1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	30.18	1.37
06 74 13 00-0024 SF 1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	42.70	1.50

06 Wood, Plastics, and Composites**06 70 Structural Composites****06 74 Composite Gratings**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	58.62	1.65	
06 74 13 00-0026 Corvex Polyester Resin (06 74 13 00-0001)					
Note: Dark gray.					
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	28.23	1.71	
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	27.12	1.71	
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	32.85	1.71	
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	37.78	2.19	
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	30.08	1.71	
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	28.95	1.71	
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	34.99	1.71	
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	39.62	2.19	
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	26.66	1.37	
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	42.51	1.50	
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	58.93	1.65	
06 74 13 00-0038 XFR Extra Fire Retardant (06 74 13 00-0001)					
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	41.48	1.71	
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	40.28	1.71	
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	55.10	1.71	
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	58.89	2.19	
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	43.29	1.71	
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	42.11	1.71	
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	57.24	1.71	
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	61.49	2.19	
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	39.19	1.37	
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	63.34	1.50	
06 74 13 00-0049 ELS Extremely Low Smoke Resin (06 74 13 00-0001)					
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	42.54	1.71	
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	41.25	1.71	
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	53.62	1.71	
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	57.50	2.19	
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	44.21	1.71	
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	43.15	1.71	
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	55.68	1.71	
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	59.59	2.19	
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	43.80	1.37	
06 74 13 00-0059	SF	1/2" ELS Extremity Low Smoke Resin, Fiberplate Covering	78.91	1.50	
06 74 13 00-0060 Pultruded Fiberglass Grating (06 74 13)					
06 74 13 00-0061 ISOFR Isophthalic Polyester Resin System (06 74 13 00-0060)					
Note: For moderately corrosive environments, green.					
06 74 13 00-0062 1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)					
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	30.28	2.19	
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	26.88	1.71	
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	34.23	2.19	
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	31.66	1.71	
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	23.64	2.19	
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	20.95	1.71	
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	27.06	2.19	
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	24.44	1.71	
06 74 13 00-0071 1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)					
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.19	2.19	
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	30.88	1.71	
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	38.42	2.19	
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	36.05	1.71	
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	30.06	2.19	
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	27.44	1.71	
06 74 13 00-0078 2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)					
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	29.71	2.19	
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	32.87	2.19	
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	39.71	2.19	
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	37.48	2.19	
06 74 13 00-0083 VERF Vinyl Ester Resin System (06 74 13 00-0060)					
06 74 13 00-0084 1" VERF Vinyl Ester Resin System (06 74 13 00-0083)					
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	32.06	1.71	
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	28.67	1.71	



Wood, Plastics, and Composites			06
Structural Composites			06 70
Composite Gratings			06 74

MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERN Vinyl Ester Resin	36.05		1.71
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERN Vinyl Ester Resin	41.37		1.71
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERN Vinyl Ester Resin	24.62		1.71
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERN Vinyl Ester Resin	22.00		1.71
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERN Vinyl Ester Resin	28.26		1.71
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERN Vinyl Ester Resin	25.93		1.71
06 74 13 00-0093 1-1/2" VERN Vinyl Ester Resin System (06 74 13 00-0083)					
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERN Vinyl Ester Resin	35.19		1.71
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERN Vinyl Ester Resin	31.84		1.71
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERN Vinyl Ester Resin	40.22		1.71
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERN Vinyl Ester Resin	37.56		1.71
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERN Vinyl Ester Resin	31.63		1.71
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERN Vinyl Ester Resin	29.14		1.71
06 74 13 00-0100 2" VERN Vinyl Ester Resin System (06 74 13 00-0083)					
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERN Vinyl Ester Resin	31.21		2.19
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERN Vinyl Ester Resin	28.79		2.19
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERN Vinyl Ester Resin	41.81		2.19
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERN Vinyl Ester Resin	40.61		2.19
06 80 Composite Fabrications (06)					
06 82 Composite Trim (06 80)					
06 82 00 00-0001 Fiberglass Castings (06 82)					
06 82 00 00-0002 Fiberglass Angle, Equal Legs (06 82 00 00-0001)					
06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	8.07		2.85
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERN Vinyl Ester Resin	8.44		2.85
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	14.88		3.43
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERN Vinyl Ester Resin	16.39		3.43
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	16.48		3.43
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERN Vinyl Ester Resin	17.58		3.43
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	19.05		3.43
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERN Vinyl Ester Resin	21.40		3.43
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	50.82		4.29
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERN Vinyl Ester Resin	58.38		4.29
06 82 00 00-0013 Fiberglass Channels (06 82 00 00-0001)					
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	9.34		4.29
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERN Vinyl Ester Resin	9.71		4.29
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	19.13		4.85
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERN Vinyl Ester Resin	19.13		4.85
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	29.75		4.85
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERN Vinyl Ester Resin	34.53		4.85
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	27.97		4.85
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERN Vinyl Ester Resin	33.87		4.85
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	42.64		6.67
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERN Vinyl Ester Resin	48.79		6.67
06 82 00 00-0024 Fiberglass Wide Flange Beams (06 82 00 00-0001)					
06 82 00 00-0025	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	26.22		5.71
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERN Vinyl Ester Resin	28.61		5.71
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	33.50		6.85
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERN Vinyl Ester Resin	34.64		6.85
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	53.74		8.56
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERN Vinyl Ester Resin	67.18		8.56
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	118.35		10.47
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERN Vinyl Ester Resin	133.05		10.47
06 82 00 00-0033 Fiberglass Flat Sheet (06 82 00 00-0001)					
Note: Not to be used for bathroom board.					
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	21.69		4.85
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERN Vinyl Ester Resin	22.62		4.85
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	33.85		5.71
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERN Vinyl Ester Resin	38.85		5.71
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	45.83		6.85
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERN Vinyl Ester Resin	53.33		6.85
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	61.72		8.56
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERN Vinyl Ester Resin	73.19		8.56
06 82 00 00-0042 Fiberglass Bars (06 82 00 00-0001)					

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 82 00 00-0043		Square Bars (06 82 00 00-0042)	
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin.....	12.96
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	18.47
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin.....	21.63
			3.43
			5.04
			6.67
06 82 00 00-0047		Round Bars (06 82 00 00-0042)	
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	8.40
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	17.82
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	20.09
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	26.47
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	31.59
			2.85
			4.29
			4.29
			4.29
			4.85
06 82 00 00-0053		Fiberglass Tubes (06 82 00 00-0001)	
06 82 00 00-0054		Square Tube (06 82 00 00-0053)	
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	9.43
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	10.17
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	13.86
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	15.16
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	26.19
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	29.18
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	30.82
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	39.17
			2.85
			2.85
			3.43
			3.43
			4.29
			4.29
			5.14
			5.14
06 82 00 00-0063		Round Tube (06 82 00 00-0053)	
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin.....	9.04
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	9.38
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin.....	16.75
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	17.85
			2.85
			2.85
			3.43
			3.43
06 82 00 00-0068		Fiberglass Threaded Rods (06 82 00 00-0001)	
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	12.03
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	12.79
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	14.68
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.15
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	17.82
			2.19
			2.19
			2.47
			2.47
			2.47
06 82 00 00-0074		Grating Support Legs, VEFR Resin (06 82 00 00-0001)	
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings.....	21.06
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings.....	9.02
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	33.93
06 82 00 00-0078		Fiberglass Netting (06 82 00 00-0001)	
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.69
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.69
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.69
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.69
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.69
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.68
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.68
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.68
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.68
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.68
			0.33
			0.33
			0.33
			0.33
			0.33
			0.33
			0.33
			0.33
06 82 00 00-0089		Fiberglass Stair Treads (06 82)	
06 82 00 00-0090		Fiberglass Stair Treads (06 82 00 00-0089)	
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System (06 82 00 00-0090)	
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	77.87
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	89.91
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	101.94
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	113.97
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	85.09
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	98.93
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	112.77
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	126.61
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	96.16
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	112.77
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	129.37
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	145.98
			14.95
			14.95
			14.95
			14.95
			14.95
			14.95
			14.95
			14.95
			14.95



Wood, Plastics, and Composites			06
Composite Fabrications			06 80
Composite Trim			06 82

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0104 12" Deep Isophthalic Resin System (06 82 00 00-0090)					
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	84.75	14.95	
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	98.50	14.95	
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	112.26	14.95	
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	126.01	14.95	
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	93.00	14.95	
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	108.82	14.95	
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	124.63	14.95	
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	140.45	14.95	
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	105.65	14.95	
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	124.63	14.95	
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	143.61	14.95	
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	162.59	14.95	
06 82 00 00-0117 Other Fiberglass (06 82)					
06 82 00 00-0118 Fiberglass Splash Blocks (06 82 00 00-0117)					
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	13.79	3.28	
06 83 Composite Paneling (06 80)					
06 83 16 Fiberglass Reinforced Paneling (06 83)					
06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels (06 83 16)					
Note: Includes adhesive and trim.					
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling.....	4.29	1.64	
Note: Including Adhesive And Trim					

END OF SECTION 06

06	06	Wood, Plastics, and Composites
	06 80	Composite Fabrications
	06 83	Composite Paneling



MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST

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Thermal And Moisture Protection		07
Operation and Maintenance of Thermal and Moisture Protection		07 01
Maintenance of Membrane Roofing		07 01 50

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection⁽⁰⁷⁾

07 01 50 Maintenance of Membrane Roofing^(07 01)

07 01 50 19 Preparation for Re-Roofing^(07 01 50)

07 01 50 19-0001 Preparation For Re-Roofing^(07 01 50 19)

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	23.26
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	41.05

07 01 50 81 Roof Replacement^(07 01 50)

07 01 50 81-0001 Roof Repair^(07 01 50 81)

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	LF	Heat Weld Roofing Seams For Repair	6.56
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07 01 50 81-0003 Emergency Roof Patch^(07 01 50 81)

Note: 4 Hour response time.

07 01 50 81-0004	EA	Mobilize For Emergency Roof Patching	398.17
07 01 50 81-0005	EA	Granule Emergency Roof Patch Cover 16 SF	91.81

07 01 50 81-0006 Adhesives^(07 01 50 81)

Note: For repair of seams.

07 01 50 81-0007 Mastic Sealer^(07 01 50 81-0006)

07 01 50 81-0008 Applied At Joints Only^(07 01 50 81-0007)

07 01 50 81-0009	LF	Mastic Sealer, 1/4" Bead At Joint	3.95
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1.70

07 01 50 91 Roofing Restoration^(07 01 50)

07 01 50 91-0001 Pressure Wash Membrane Roofing^(07 01 50 91)

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.15
		For Up To 100, Add	0.11
		For >100 To 250, Add	0.05
		For >250 To 500, Add	0.02
		For >5,000 To 10,000, Deduct	-0.01
		For >10,000 To 15,000, Deduct	-0.02
		For >15,000 To 30,000, Deduct	-0.02
		For >30,000, Deduct	-0.03

07 05 Common Work Results for Thermal and Moisture Protection⁽⁰⁷⁾

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work^(07 05)

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work^(07 05 13)

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,198.34
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	896.60
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	599.17
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	298.87

07 10 Dampproofing and Waterproofing⁽⁰⁷⁾

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing^(07 10)

07 11 13 Bituminous Dampproofing^(07 11)

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray^(07 11 13)

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	140.10
07 11 13 00-0003	CSF	2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	219.85

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On^(07 11 13)

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 11 Dampproofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On.....	237.34	
07 11 13 00-0006	CSF	Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On	362.74	
07 11 13 00-0007		Asphaltic Paint Dampproofing (07 11 13)		
07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	114.15	
07 11 13 00-0009	CSF	2 Coats, Asphaltic Paint Dampproofing, Brushed On.....	210.35	
07 11 19		Sheet Dampproofing (07 11)		
07 11 19 00-0001		Neoprene (07 11 19)		
07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5 To 20 SF)	31.82	
07 13		Sheet Waterproofing (07 10)		
07 13 13		Bituminous Sheet Waterproofing (07 13)		
07 13 13 00-0001		15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped (07 13 13)		
07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	279.78	99.69
		For 30 LB Felt, Add	60.29	
		For Application To Horizontal Surfaces, Deduct	-29.91	
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	350.81	112.15
		For 30 LB Felt, Add	94.88	
		For Application To Horizontal Surfaces, Deduct	-33.65	
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	421.84	124.61
		For 30 LB Felt, Add	129.46	
		For Application To Horizontal Surfaces, Deduct	-37.38	
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	492.87	137.07
		For 30 LB Felt, Add	164.03	
		For Application To Horizontal Surfaces, Deduct	-41.12	
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	563.90	149.53
		For 30 LB Felt, Add	198.62	
		For Application To Horizontal Surfaces, Deduct	-44.86	
07 13 13 00-0007		Asphalt Coated Protective Board (07 13 13)		
07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	242.25	96.01
		For Application To Horizontal Surfaces, Deduct	-32.02	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	330.35	99.71
		For Application To Horizontal Surfaces, Deduct	-33.23	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	436.61	103.89
		For Application To Horizontal Surfaces, Deduct	-34.62	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	490.14	108.08
		For Application To Horizontal Surfaces, Deduct	-36.03	
07 13 53		Elastomeric Sheet Waterproofing (07 13)		
07 13 53 00-0001		Rubberized Membrane Sheet (07 13 53)		
07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface.....	6.94	0.99
		For Floor Surfaces, Deduct	-1.00	
07 13 53 00-0003		Ethylene Propylene Diene Monomer (EPDM) (07 13 53)		
07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	478.99	139.58
		For Application To Horizontal Surfaces, Deduct	-41.87	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	571.24	139.58
		For Application To Horizontal Surfaces, Deduct	-41.87	
07 13 53 00-0006		Butyl Sheet Waterproofing (07 13 53)		
07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	102.56	34.89
		For Joint Taping, Add	13.17	
		For Each Additional Ply, Add	75.29	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	124.07	34.89
		For Joint Taping, Add	14.24	
		For Each Additional Ply, Add	90.35	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0009		Butyl With Nylon (07 13 53)		
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	114.86	34.89
		For Joint Taping, Add	13.78	
		For Each Additional Ply, Add	83.90	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	128.69	34.89
		For Joint Taping, Add	14.48	
		For Each Additional Ply, Add	93.58	
		For Application To Horizontal Surfaces, Deduct	-5.24	



Thermal And Moisture Protection			07
Dampproofing and Waterproofing			07 10
Sheet Waterproofing			07 13

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0012 Neoprene Sheet Waterproofing (07 13 53)				
07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	185.61	34.89
		For Joint Taping, Add	17.32	
		For Each Additional Ply, Add	133.42	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	277.17	34.89
		For Joint Taping, Add	21.90	
		For Each Additional Ply, Add	197.52	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0015 Neoprene With Nylon (07 13 53)				
07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon.....	195.17	34.89
		For Joint Taping, Add	17.80	
		For Each Additional Ply, Add	140.12	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon.....	292.44	34.89
		For Joint Taping, Add	22.66	
		For Each Additional Ply, Add	208.20	
		For Application To Horizontal Surfaces, Deduct	-5.24	
07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) (07 13 53)				
07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier.....	29.72	11.33
		For Joint Taping, Add	7.25	
		For Each Additional Ply, Add	23.31	
		For Application To Horizontal Surfaces, Deduct	-3.76	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier.....	30.39	11.33
		For Joint Taping, Add	7.29	
		For Each Additional Ply, Add	23.78	
		For Application To Horizontal Surfaces, Deduct	-3.76	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier.....	47.48	11.33
		For Joint Taping, Add	8.14	
		For Each Additional Ply, Add	35.74	
		For Application To Horizontal Surfaces, Deduct	-3.76	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	144.46	11.33
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	103.91	
		For Application To Horizontal Surfaces, Deduct	-4.18	
07 13 53 00-0023 Plastic Vapor Barrier (PVC) (07 13 53)				
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	49.72	12.54
		For Joint Taping, Add	8.25	
		For Each Additional Ply, Add	37.31	
		For Application To Horizontal Surfaces, Deduct	-3.76	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	68.61	13.00
		For Joint Taping, Add	9.42	
		For Each Additional Ply, Add	50.63	
		For Application To Horizontal Surfaces, Deduct	-3.90	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	94.17	13.46
		For Joint Taping, Add	10.90	
		For Each Additional Ply, Add	68.61	
		For Application To Horizontal Surfaces, Deduct	-4.04	
07 13 53 00-0027 Vinyl Plastic Vapor Barrier (07 13 53)				
07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	34.33	11.61
07 14 Fluid-Applied Waterproofing (07 10)				
07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing (07 14)				
07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)				
07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	1.92	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	-0.19	
		For Reinforcing Fabric, Add	0.41	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.22	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	-0.20	
		For Reinforcing Fabric, Add	0.41	
07 14 16 Cold Fluid-Applied Waterproofing (07 14)				
07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane (07 14 16)				
07 14 16 00-0002	SF	60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	3.48	
		For Application To Horizontal Surfaces, Deduct	-0.42	

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 14 Fluid-Applied Waterproofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 14 16 00-0003	SF	90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats <i>For Application To Horizontal Surfaces, Deduct</i>	3.95 -0.44	
07 14 16 00-0004	SF	120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats <i>For Application To Horizontal Surfaces, Deduct</i>	4.47 -0.47	
07 14 16 00-0005		One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)		
07 14 16 00-0006	SF	15 Mil Finish Coat, Chlorosulfonated Polyethylene (CSM) Polymer, 1 Part Solution	2.34	
07 14 16 00-0007		Copolymer Compound (07 14 16)		
07 14 16 00-0008	SF	Fluid Elastomeric Copolymer Compound For Slabs 32 Mil	3.75	
07 14 16 00-0009		Fluid Applied Neoprene (07 14 16)		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Neoprene..... <i>For Application To Horizontal Surfaces, Deduct</i>	436.86 -50.85	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Neoprene..... <i>For Application To Horizontal Surfaces, Deduct</i>	880.93 -99.75	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Neoprene..... <i>For Application To Horizontal Surfaces, Deduct</i>	1,428.86 -149.55	
07 16		Cementitious and Reactive Waterproofing (07 10)		
07 16 13		Polymer Modified Cement Waterproofing (07 16)		
07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	4.00	
07 16 16		Crystalline Waterproofing (07 16)		
07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate).....	4.84	
07 16 19		Metal Oxide Waterproofing (07 16)		
07 16 19 00-0001		Metallic Oxide Waterproofing (07 16 19) Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller) <i>For Application To Horizontal Surfaces, Deduct</i>	408.09 -53.23	
07 17		Bentonite Waterproofing (07 10)		
07 17 13		Bentonite Panel Waterproofing (07 17)		
07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels <i>For Application To Horizontal Surfaces, Deduct</i>	421.72 -34.38	114.56
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels <i>For Application To Horizontal Surfaces, Deduct</i>	382.58 -37.20	121.04
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels <i>For Application To Horizontal Surfaces, Deduct</i>	533.58 -37.86	126.22
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled <i>For Application To Horizontal Surfaces, Deduct</i>	429.93 -31.48	104.99
07 19		Water Repellents (07 10)		
07 19 13		Acrylic Sealer (07 19) Note: Per coat.		
07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer.....	2.15	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	2.57	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer.....	2.83	
07 19 16		Silane Water Repellents (07 19)		
07 19 16 00-0001		Silane Concrete Sealer (07 19 16)		
07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB).....	0.52	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB).....	0.76	
07 19 16 00-0004		Silane/Siloxane Concrete Sealer (07 19 16)		
07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	0.89	



Thermal And Moisture Protection			07
Dampproofing and Waterproofing			07 10
Water Repellents			07 19

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0006	SF		Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.29	
07 19 16 00-0007	SF		Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.37	
07 19 16 00-0008	SF		Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.53	

07 20 Thermal Protection (07)

07 21 Thermal Insulation (07 20)

07 21 13 Board Insulation (07 21)

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation (07 21 13)

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation (07 21 13 13)

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0001)

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	2.89 -0.05 0.05	0.32
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	4.03 -0.05 0.05	0.32
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	4.80 -0.05 0.05	0.33
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	6.33 -0.06 0.05	0.33

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	1.26 -0.05 0.05	0.31
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	1.33 -0.05 0.05	0.31
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	1.52 -0.05 0.05	0.32
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	1.70 -0.05 0.05	0.32
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	2.44 -0.05 0.05	0.33
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	3.20 -0.06 0.05	0.33
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	3.94 -0.06 0.05	0.34
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	4.68 -0.06 0.05	0.35
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add	5.43 -0.06 0.05	0.36

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

Note: 15 PSI compressive strength.

07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For 25 PSI Compressive Strength, Add For 40 PSI Compressive Strength, Add For 60 PSI Compressive Strength, Add For 115 PSI Compressive Strength, Add	1.43 -0.05 0.05 0.15 0.35 0.55 2.39	0.31
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For 25 PSI Compressive Strength, Add For 40 PSI Compressive Strength, Add For 60 PSI Compressive Strength, Add For 115 PSI Compressive Strength, Add	1.67 -0.05 0.05 0.18 0.44 0.69 3.01	0.31

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.87	0.32
		For Horizontal Surface Application, Deduct	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.21	
		For 40 PSI Compressive Strength, Add	0.51	
		For 60 PSI Compressive Strength, Add	0.80	
		For 115 PSI Compressive Strength, Add	3.50	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.97	0.32
		For Horizontal Surface Application, Deduct	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.23	
		For 40 PSI Compressive Strength, Add	0.55	
		For 60 PSI Compressive Strength, Add	0.86	
		For 115 PSI Compressive Strength, Add	3.75	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.98	0.33
		For Horizontal Surface Application, Deduct	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.39	
		For 40 PSI Compressive Strength, Add	0.93	
		For 60 PSI Compressive Strength, Add	1.44	
		For 115 PSI Compressive Strength, Add	6.32	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.00	0.33
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.55	
		For 40 PSI Compressive Strength, Add	1.31	
		For 60 PSI Compressive Strength, Add	2.02	
		For 115 PSI Compressive Strength, Add	8.90	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.51	0.34
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.63	
		For 40 PSI Compressive Strength, Add	1.50	
		For 60 PSI Compressive Strength, Add	2.31	
		For 115 PSI Compressive Strength, Add	10.18	
07 21 13 13-0025		Mechanically Fastened Foam Board Insulation (07 21 13 13)		
		Note: Mechanically fastened to wood or steel.		
07 21 13 13-0026		Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0025)		
		Note: Mechanically fastened to wood or steel.		
07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	2.75	0.32
		For Horizontal Surface Application, Deduct	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	3.96	0.32
		For Horizontal Surface Application, Deduct	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.72	0.33
		For Horizontal Surface Application, Deduct	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	6.32	0.33
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.12	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Thermal Insulation			07 21

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0031			Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025)		
07 21 13 13-0032	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.13	0.31
			For Horizontal Surface Application, Deduct	-0.05	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0033	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.20	0.31
			For Horizontal Surface Application, Deduct	-0.05	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0034	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.39	0.32
			For Horizontal Surface Application, Deduct	-0.05	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0035	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.57	0.32
			For Horizontal Surface Application, Deduct	-0.05	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0036	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.37	0.33
			For Horizontal Surface Application, Deduct	-0.05	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Gypsum, Add	1.63	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 21 13 13-0037	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.18	0.33
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 21 13 13-0038	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.01	0.34
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.33	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0039 SF 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.87	0.35
For Horizontal Surface Application, Deduct	-0.06	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.50	
For Mechanically Fastened To Gypsum, Add	1.93	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.33	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	6.45	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 21 13 13-0040 SF 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	5.81	0.36
For Horizontal Surface Application, Deduct	-0.06	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.54	
For Mechanically Fastened To Gypsum, Add	1.67	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.50	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation		
13-0025		
Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 21 13 13-0042 SF 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.30	0.31
For Horizontal Surface Application, Deduct	-0.05	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.12	
For 40 PSI Compressive Strength, Add	0.30	
For 60 PSI Compressive Strength, Add	0.48	
For 115 PSI Compressive Strength, Add	2.06	
For Mechanically Fastened To Concrete, Add	1.34	
For Mechanically Fastened To Gypsum, Add	1.67	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0043 SF 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.54	0.31
For Horizontal Surface Application, Deduct	-0.05	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.16	
For 40 PSI Compressive Strength, Add	0.39	
For 60 PSI Compressive Strength, Add	0.62	
For 115 PSI Compressive Strength, Add	2.67	
For Mechanically Fastened To Concrete, Add	1.34	
For Mechanically Fastened To Gypsum, Add	1.67	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0044 SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.74	0.32
For Horizontal Surface Application, Deduct	-0.05	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.19	
For 40 PSI Compressive Strength, Add	0.46	
For 60 PSI Compressive Strength, Add	0.73	
For 115 PSI Compressive Strength, Add	3.16	
For Mechanically Fastened To Concrete, Add	1.34	
For Mechanically Fastened To Gypsum, Add	1.67	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 13-0045 SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.84	0.32
For Horizontal Surface Application, Deduct	-0.05	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.21	
For 40 PSI Compressive Strength, Add	0.50	
For 60 PSI Compressive Strength, Add	0.79	
For 115 PSI Compressive Strength, Add	3.42	
For Mechanically Fastened To Concrete, Add	1.34	
For Mechanically Fastened To Gypsum, Add	1.67	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	



Thermal And Moisture Protection			07	07
Thermal Protection			07 20	
Thermal Insulation			07 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	2.90	0.33
		For Horizontal Surface Application, Deduct	.....	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.38	
		For 40 PSI Compressive Strength, Add	.....	0.90	
		For 60 PSI Compressive Strength, Add	.....	1.40	
		For 115 PSI Compressive Strength, Add	.....	6.12	
		For Mechanically Fastened To Concrete, Add	.....	1.38	
		For Mechanically Fastened To Gypsum, Add	.....	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	2.58	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	2.98	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	3.98	0.33
		For Horizontal Surface Application, Deduct	.....	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.55	
		For 40 PSI Compressive Strength, Add	.....	1.30	
		For 60 PSI Compressive Strength, Add	.....	2.01	
		For 115 PSI Compressive Strength, Add	.....	8.85	
		For Mechanically Fastened To Concrete, Add	.....	1.42	
		For Mechanically Fastened To Gypsum, Add	.....	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	1.85	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.12	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	2.76	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.16	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	4.59	0.34
		For Horizontal Surface Application, Deduct	.....	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.64	
		For 40 PSI Compressive Strength, Add	.....	1.53	
		For 60 PSI Compressive Strength, Add	.....	2.36	
		For 115 PSI Compressive Strength, Add	.....	10.39	
		For Mechanically Fastened To Concrete, Add	.....	1.46	
		For Mechanically Fastened To Gypsum, Add	.....	1.70	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.85	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	1.98	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.22	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.28	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	2.96	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.33	
07 21 13 16 Fibrous Board Insulation (07 21 13)					
07 21 13 16-0001			Cold Adhesive Applied Fibrous Board Insulation (07 21 13 16)		
07 21 13 16-0002			Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0001)		
07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	1.86	0.40
		For Horizontal Surface Application, Deduct	.....	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	2.75	0.48
		For Horizontal Surface Application, Deduct	.....	-0.08	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	3.63	0.56
		For Horizontal Surface Application, Deduct	.....	-0.09	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	
07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation (07 21 13 16-0001)					
07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	3.32	0.32
		For Horizontal Surface Application, Deduct	.....	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	3.72	0.32
		For Horizontal Surface Application, Deduct	.....	-0.05	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	4.58	0.33
		For Horizontal Surface Application, Deduct	.....	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	5.27	0.33
		For Horizontal Surface Application, Deduct	.....	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For Factory Painted On One Surface Add	.....	0.17	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied.....	5.96		0.33
		For Horizontal Surface Application, Deduct	-0.06		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Factory Painted On One Surface Add	0.17		
07 21 13 16-0012		Mechanically Fastened Fibrous Board Insulation (07 21 13 16)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 16-0013		Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0012)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	1.73		0.40
		For Horizontal Surface Application, Deduct	-0.07		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Factory Painted On One Surface Add	0.17		
		For Mechanically Fastened To Concrete, Add	1.34		
		For Mechanically Fastened To Gypsum, Add	1.67		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96		
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	2.68		0.48
		For Horizontal Surface Application, Deduct	-0.08		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Factory Painted On One Surface Add	0.17		
		For Mechanically Fastened To Concrete, Add	1.38		
		For Mechanically Fastened To Gypsum, Add	1.63		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98		
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	3.61		0.56
		For Horizontal Surface Application, Deduct	-0.09		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Factory Painted On One Surface Add	0.17		
		For Mechanically Fastened To Concrete, Add	1.42		
		For Mechanically Fastened To Gypsum, Add	1.69		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.12		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16		
07 21 13 16-0017		Mechanically Fastened, Fiberglass, Fibrous Board Insulation (07 21 13 16-0012)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	3.19		0.32
		For Horizontal Surface Application, Deduct	-0.05		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Factory Painted On One Surface Add	0.17		
		For Mechanically Fastened To Concrete, Add	1.34		
		For Mechanically Fastened To Gypsum, Add	1.67		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96		
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	3.64		0.32
		For Horizontal Surface Application, Deduct	-0.05		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Factory Painted On One Surface Add	0.17		
		For Mechanically Fastened To Concrete, Add	1.38		
		For Mechanically Fastened To Gypsum, Add	1.63		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96		



Thermal And Moisture Protection			07
Thermal Protection			07 20
Thermal Insulation			07 21

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0020	SF	2"	Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	4.50	0.33
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Gypsum, Add	1.63	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 21 13 16-0021	SF	2-1/2"	Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	5.25	0.33
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Gypsum, Add	1.66	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.08	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 21 13 16-0022	SF	3"	Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	5.94	0.33
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 21 13 19 Mineral Board Insulation (07 21 13)					
07 21 13 19-0001			Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)		
07 21 13 19-0002			Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0001)		
07 21 13 19-0003	SF	1/2"	Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.41	0.36
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 19-0004	SF	25/32"	Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.68	0.38
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 19-0005	SF	1"	Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.95	0.40
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 19-0006	SF	1-1/2"	Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.44	0.44
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 19-0007	SF	2"	Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.93	0.48
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 19-0008	SF	3"	Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.90	0.56
			For Horizontal Surface Application, Deduct	-0.09	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 19-0009			Mechanically Fastened Mineral Board Insulation (07 21 13 19)		
			Note: Mechanically fastened to wood or steel.		
07 21 13 19-0010			Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0009)		
			Note: Mechanically fastened to wood or steel.		
07 21 13 19-0011	SF	1/2"	Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.28	0.36
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.54	0.38
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Factory Painted On One Surface Add	0.17	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.82	0.40
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Factory Painted On One Surface Add	0.17	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.71	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.56	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.37	0.44
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Factory Painted On One Surface Add	0.17	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.86	0.48
		For Horizontal Surface Application, Deduct	-0.08	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Factory Painted On One Surface Add	0.17	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.58	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	3.88	0.56
		For Horizontal Surface Application, Deduct	-0.09	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Factory Painted On One Surface Add	0.17	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.12	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 21 16		Blanket Insulation (07 21)		
		Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.		
07 21 16 00-0001		Fiberglass Flexible Insulation (07 21 16)		
		Note: Rolls or batts.		
07 21 16 00-0002		Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation.....	1.29	0.36
		For >1,600, Deduct	-0.12	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation.....	1.41	0.36
		For >1,600, Deduct	-0.14	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation.....	1.45	0.36
		For >1,600, Deduct	-0.15	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation.....	1.96	0.36
		For >1,600, Deduct	-0.22	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation.....	1.58	0.36
		For >1,600, Deduct	-0.17	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation.....	2.47	0.45
		For >1,600, Deduct	-0.27	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	2.64	0.45
		For >1,600, Deduct	-0.30	
07 21 16 00-0010		Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)		

**Thermal And Moisture Protection****07**

Thermal Protection

07 20

Thermal Insulation

07 21**07**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0011 SF 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....1.21 <i>For >1,600, Deduct</i> -0.11		0.36
07 21 16 00-0012 SF 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....1.35 <i>For >1,600, Deduct</i> -0.13		0.36
07 21 16 00-0013 SF 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....1.85 <i>For >1,600, Deduct</i> -0.21		0.36
07 21 16 00-0014 SF 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....1.87 <i>For >1,600, Deduct</i> -0.21		0.36
07 21 16 00-0015 SF 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....1.53 <i>For >1,600, Deduct</i> -0.16		0.36
07 21 16 00-0016 SF 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....2.31 <i>For >1,600, Deduct</i> -0.25		0.45
07 21 16 00-0017 SF 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....2.54 <i>For >1,600, Deduct</i> -0.28		0.45
07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0019 SF 3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation .....1.51 <i>For >1,600, Deduct</i> -0.16		0.36
07 21 16 00-0020 SF 3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation .....1.70 <i>For >1,600, Deduct</i> -0.18		0.36
07 21 16 00-0021 SF 6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation .....1.85 <i>For >1,600, Deduct</i> -0.21		0.36
07 21 16 00-0022 SF 10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....2.78 <i>For >1,600, Deduct</i> -0.32		0.45
07 21 16 00-0023 SF 12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation.....3.01 <i>For >1,600, Deduct</i> -0.35		0.45
07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0025 SF 3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation .....1.33 <i>For >1,600, Deduct</i> -0.13		0.36
07 21 16 00-0026 SF 3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation .....1.45 <i>For >1,600, Deduct</i> -0.15		0.36
07 21 16 00-0027 SF 5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation .....2.03 <i>For >1,600, Deduct</i> -0.23		0.36
07 21 16 00-0028 SF 6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation .....1.60 <i>For >1,600, Deduct</i> -0.17		0.36
07 21 16 00-0029 SF 8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation .....2.47 <i>For >1,600, Deduct</i> -0.27		0.45
07 21 16 00-0030 SF 10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation .....2.54 <i>For >1,600, Deduct</i> -0.28		0.45
07 21 16 00-0031 Mineral Wool Flexible Insulation (07 21 16)		
07 21 16 00-0032 Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0033 SF 3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....1.47 <i>For >1,600, Deduct</i> -0.15		0.36
07 21 16 00-0034 SF 6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....1.98 <i>For >1,600, Deduct</i> -0.22		0.36
07 21 16 00-0035 SF 9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....3.23 <i>For >1,600, Deduct</i> -0.39		0.36
07 21 16 00-0036 SF 12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....3.71 <i>For >1,600, Deduct</i> -0.47		0.36
07 21 16 00-0037 Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0038 SF 3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation .....1.35 <i>For >1,600, Deduct</i> -0.13		0.36
07 21 16 00-0039 SF 6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation .....1.80 <i>For >1,600, Deduct</i> -0.20		0.36
07 21 16 00-0040 SF 9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation .....2.88 <i>For >1,600, Deduct</i> -0.34		0.36
07 21 16 00-0041 SF 12" Unfaced, R-38 Mineral Wool Flexible Insulation .....3.29 <i>For >1,600, Deduct</i> -0.40		0.36
07 21 16 00-0042 Natural Cotton Insulation (07 21 16)		
07 21 16 00-0043 UltraTouch™ Natural Cotton Insulation (07 21 16 00-0042) Note: 85% recycled denim cotton.		
07 21 16 00-0044 SF 3-1/2", R-13 UltraTouch™ Natural Cotton Insulation .....2.08 <i>For >1,600, Deduct</i> -0.24		0.36
07 21 16 00-0045 SF 5-1/2", R-19 UltraTouch™ Natural Cotton Insulation .....2.35 <i>For >1,600, Deduct</i> -0.28		0.36
07 21 16 00-0046 SF 5-1/2", R-21 UltraTouch™ Natural Cotton Insulation .....2.65 <i>For >1,600, Deduct</i> -0.32		0.36
07 21 16 00-0047 SF 8", R-30 UltraTouch™ Natural Cotton Insulation.....3.62 <i>For >1,600, Deduct</i> -0.45		0.36
07 21 19 Foamed-In-Place Insulation (07 21)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT UNIT COST
 DEMOLITION UNIT COST

07 21 19 00-0001		Polyurethane Foam Insulation, Sprayed On (07 21 19)			
07 21 19 00-0002	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.10		
07 21 19 00-0003	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.87		
07 21 19 00-0004	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.61		
07 21 19 00-0005	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.37		
07 21 19 00-0006	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.12		
07 21 19 00-0007	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.88		
07 21 19 00-0008	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.14		
07 21 19 00-0009	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.37		
07 21 19 00-0010	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.61		
07 21 19 00-0011	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.85		
07 21 19 00-0012	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.08		
07 21 19 00-0013	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.31		
07 21 23		Loose-Fill Insulation (07 21 23)			
07 21 23 00-0001		Poured Type, Loose Fill Insulation (07 21 23)			
07 21 23 00-0002	CF	R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation	5.57	2.07	
07 21 23 00-0003	CF	R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation	6.07	2.07	
07 21 23 00-0004		Concrete Block Wall Cavity Insulation (07 21 23)			
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	8.28	2.07	
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	8.19	2.07	
07 21 26		Blown Insulation (07 21 26)			
07 21 26 00-0001		Fiberglass Blown-In Insulation (07 21 26)			
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)			
07 21 26 00-0003	SF	3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.32	0.96	
07 21 26 00-0004	SF	6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.69	1.15	
07 21 26 00-0005	SF	7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation	1.88	1.25	
07 21 26 00-0006	SF	10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.22	1.35	
07 21 26 00-0007	SF	12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.55	1.44	
07 21 26 00-0008	SF	13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation	2.78	1.54	
07 21 26 00-0009	SF	14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation	2.84	1.54	
07 21 26 00-0010	SF	16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.01	1.54	
07 21 26 00-0011	SF	19" Thick, R-56 Attic, Fiberglass Blown In Insulation	3.35	1.54	
07 21 26 00-0012	SF	21" Thick, R-60 Attic, Fiberglass Blown In Insulation	3.36	1.54	
07 21 26 00-0013		New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)			
07 21 26 00-0014	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	1.95	0.96	
07 21 26 00-0015	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.63	1.15	
07 21 26 00-0016	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.15	1.25	
07 21 26 00-0017	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.79	1.35	
07 21 26 00-0018		Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)			
		Note: Includes drilling. Excludes patching.			
07 21 26 00-0019	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.84	0.96	
07 21 26 00-0020	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.52	1.15	
07 21 26 00-0021	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.04	1.25	
07 21 26 00-0022	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.68	1.35	
07 21 26 00-0023		Cellulose Blown-In Insulation (07 21 26)			
07 21 26 00-0024		Attic, Cellulose Blown-In Insulation (07 21 26 00-0023)			
07 21 26 00-0025	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.34	0.96	
07 21 26 00-0026	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.65	1.06	
07 21 26 00-0027	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.84	1.15	
07 21 26 00-0028	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.18	1.25	
07 21 26 00-0029	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.23	1.25	
07 21 26 00-0030	SF	10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation	2.63	1.35	
07 21 26 00-0031	SF	11" Thick, R-40 Attic, Cellulose Blown In Insulation	2.72	1.35	
07 21 26 00-0032	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.19	1.44	
07 21 26 00-0033	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.67	1.54	
07 21 26 00-0034		New Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)			
07 21 26 00-0035	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.89	0.96	
07 21 26 00-0036	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.55	1.15	
07 21 26 00-0037	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	3.04	1.25	
07 21 26 00-0038	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.64	1.35	

**Thermal And Moisture Protection****07**

Thermal Protection

07 20

Thermal Insulation

07 21**07**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0039 Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0023) Note: Includes drilling. Excludes patching.		
07 21 26 00-0040 SF 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.78	0.96
07 21 26 00-0041 SF 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.44	1.15
07 21 26 00-0042 SF 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.93	1.25
07 21 26 00-0043 SF 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.53	1.35
07 21 29 Sprayed Insulation (07 21 29)		
07 21 29 00-0001 Fiber Sprayed On Insulation (07 21 29)		
07 21 29 00-0002 SF 1" Spray, R2.7 Perlite Insulation	2.28	0.62
07 21 29 00-0003 SF 1" Spray, R3.7 Fibrous/Cementitious Insulation.....	1.66	0.62
07 21 29 00-0004 Cellulose Sprayed On Insulation (07 21 29)		
07 21 29 00-0005 SF 1" Thick - Cellulose Spray-on Insulation	3.32	0.62
07 21 53 Reflective Insulation (07 21 53)		
07 21 53 00-0001 Reflective Barrier Insulation (Foil - Single Bubble - Foil) (07 21 53)		
07 21 53 00-0002 SF 3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	0.82	
07 22 Roof and Deck Insulation (07 22)		
07 22 16 Roof Board Insulation (07 22) Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.		
07 22 16 00-0001 Rigid Board Roofing Insulation (07 22 16) Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.		
07 22 16 00-0002 Cold Adhesive Applied Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0003 Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0004 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied.....	1.88	
07 22 16 00-0005 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied.....	2.19	
07 22 16 00-0006 SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied.....	2.48	
07 22 16 00-0007 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.02	
07 22 16 00-0008 SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied.....	3.56	
07 22 16 00-0009 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0010 SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.03	
07 22 16 00-0011 SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied.....	2.39	
07 22 16 00-0012 Cold Adhesive Applied, Perlite, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0013 SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.81	
07 22 16 00-0014 SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.81	
07 22 16 00-0015 SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.99	
07 22 16 00-0016 SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.19	
07 22 16 00-0017 SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.69	
07 22 16 00-0018 SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.02	
07 22 16 00-0019 Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0020 SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied.....	2.46	
07 22 16 00-0021 SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied.....	3.27	
07 22 16 00-0022 SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied.....	4.21	
07 22 16 00-0023 Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0024 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.45	
07 22 16 00-0025 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	5.24	
07 22 16 00-0026 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.77	
07 22 16 00-0027 SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	8.31	
07 22 16 00-0028 Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0029 SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.62	
For Loose-Laid, Deduct	-0.88	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied.....	1.69	
		For Loose-Laid, Deduct	-0.88	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied.....	1.88	
		For Loose-Laid, Deduct	-0.89	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.06	
		For Loose-Laid, Deduct	-0.89	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.82	
		For Loose-Laid, Deduct	-0.90	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.58	
		For Loose-Laid, Deduct	-0.91	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.33	
		For Loose-Laid, Deduct	-0.92	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.08	
		For Loose-Laid, Deduct	-0.93	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.84	
		For Loose-Laid, Deduct	-0.95	
07 22 16 00-0038		Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0002) Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.29	
		For Loose-Laid, Deduct	-0.92	
		For 25 PSI Compressive Strength, Add	0.21	
		For 40 PSI Compressive Strength, Add	0.51	
		For 60 PSI Compressive Strength, Add	0.82	
		For 115 PSI Compressive Strength, Add	3.54	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.39	
		For Loose-Laid, Deduct	-0.92	
		For 25 PSI Compressive Strength, Add	0.23	
		For 40 PSI Compressive Strength, Add	0.55	
		For 60 PSI Compressive Strength, Add	0.88	
		For 115 PSI Compressive Strength, Add	3.80	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.89	
		For Loose-Laid, Deduct	-0.92	
		For 25 PSI Compressive Strength, Add	0.31	
		For 40 PSI Compressive Strength, Add	0.74	
		For 60 PSI Compressive Strength, Add	1.17	
		For 100 PSI Compressive Strength, Add	1.50	
		For 115 PSI Compressive Strength, Add	5.08	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.42	
		For Loose-Laid, Deduct	-0.93	
		For 25 PSI Compressive Strength, Add	0.39	
		For 40 PSI Compressive Strength, Add	0.93	
		For 60 PSI Compressive Strength, Add	1.46	
		For 115 PSI Compressive Strength, Add	6.37	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.92	
		For Loose-Laid, Deduct	-0.93	
		For 25 PSI Compressive Strength, Add	0.47	
		For 40 PSI Compressive Strength, Add	1.12	
		For 60 PSI Compressive Strength, Add	1.75	
		For 100 PSI Compressive Strength, Add	2.25	
		For 115 PSI Compressive Strength, Add	7.65	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.44	
		For Loose-Laid, Deduct	-0.94	
		For 25 PSI Compressive Strength, Add	0.55	
		For 40 PSI Compressive Strength, Add	1.31	
		For 60 PSI Compressive Strength, Add	2.05	
		For 115 PSI Compressive Strength, Add	8.94	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.96	
		For Loose-Laid, Deduct	-0.95	
		For 25 PSI Compressive Strength, Add	0.63	
		For 40 PSI Compressive Strength, Add	1.50	
		For 60 PSI Compressive Strength, Add	2.34	
		For 115 PSI Compressive Strength, Add	10.23	
07 22 16 00-0046		Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0002)		
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.07	
		For Loose-Laid, Deduct	-0.92	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.11	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.14	
		For Loose-Laid, Deduct	-0.92	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.12	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.25	
		For Loose-Laid, Deduct	-0.92	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.13	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.55	
		For Loose-Laid, Deduct	-0.93	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.16	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0051	SF		2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied <i>For Loose-Laid, Deduct</i> <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	2.85 -0.94 0.36 0.19	
07 22 16 00-0052	SF		3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied <i>For Loose-Laid, Deduct</i> <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	3.14 -0.94 0.36 0.21	
07 22 16 00-0053	SF		3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied <i>For Loose-Laid, Deduct</i> <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	3.46 -0.95 0.36 0.25	
07 22 16 00-0054	SF		4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied <i>For Loose-Laid, Deduct</i> <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	3.74 -0.95 0.36 0.27	
07 22 16 00-0055			Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0002)		
07 22 16 00-0056	SF		1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	2.34	
07 22 16 00-0057			Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0002)		
07 22 16 00-0058	SF		1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.23	
07 22 16 00-0059	SF		3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.35	
07 22 16 00-0060	SF		1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.43	
07 22 16 00-0061	SF		5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.47	
07 22 16 00-0062			Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0002)		
07 22 16 00-0063	SF		1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.19	
07 22 16 00-0064	SF		1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.37	
07 22 16 00-0065	SF		5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.41	
07 22 16 00-0066			Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0002) Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0067	SF		1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.70	
07 22 16 00-0068	SF		2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.87	
07 22 16 00-0069	SF		2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.11	
07 22 16 00-0070	SF		3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.25	
07 22 16 00-0071	SF		3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.60	
07 22 16 00-0072	SF		4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.74	
07 22 16 00-0073	SF		4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.99	
07 22 16 00-0074			Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0002) Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075	SF		2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.73	
07 22 16 00-0076	SF		3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.03	
07 22 16 00-0077	SF		3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.40	
07 22 16 00-0078	SF		4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.63	
07 22 16 00-0079	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.93	
07 22 16 00-0080	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.25	
07 22 16 00-0081	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.86	
07 22 16 00-0082			Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0083			Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0084	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	1.78	
07 22 16 00-0085	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.08	
07 22 16 00-0086	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.38	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.93	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.48	
07 22 16 00-0089		Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	1.93	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.29	
07 22 16 00-0092		Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	1.70	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	1.86	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.07	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	2.57	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	2.89	
07 22 16 00-0098		Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.34	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.14	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.10	
07 22 16 00-0102		Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	4.34	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.11	
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.67	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	8.20	
07 22 16 00-0107		Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.49	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.56	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.66	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.93	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.69	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.45	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.20	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.96	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.71	
07 22 16 00-0117		Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
		Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.16	
		For 25 PSI Compressive Strength, Add	0.18	
		For 40 PSI Compressive Strength, Add	0.43	
		For 60 PSI Compressive Strength, Add	0.70	
		For 115 PSI Compressive Strength, Add	2.98	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.27	
		For 25 PSI Compressive Strength, Add	0.20	
		For 40 PSI Compressive Strength, Add	0.46	
		For 60 PSI Compressive Strength, Add	0.76	
		For 115 PSI Compressive Strength, Add	3.24	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.77	
		For 25 PSI Compressive Strength, Add	0.28	
		For 40 PSI Compressive Strength, Add	0.65	
		For 60 PSI Compressive Strength, Add	1.05	
		For 100 PSI Compressive Strength, Add	1.34	
		For 115 PSI Compressive Strength, Add	4.53	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.41	
		For 25 PSI Compressive Strength, Add	0.36	
		For 40 PSI Compressive Strength, Add	0.84	
		For 60 PSI Compressive Strength, Add	1.35	
		For 115 PSI Compressive Strength, Add	5.82	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	13.47	
		For 25 PSI Compressive Strength, Add	0.44	
		For 40 PSI Compressive Strength, Add	1.03	
		For 60 PSI Compressive Strength, Add	2.12	
		For 100 PSI Compressive Strength, Add	2.58	
		For 115 PSI Compressive Strength, Add	8.07	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.33	
		For 25 PSI Compressive Strength, Add	0.52	
		For 40 PSI Compressive Strength, Add	1.22	
		For 60 PSI Compressive Strength, Add	1.92	
		For 115 PSI Compressive Strength, Add	8.39	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.85	
		For 25 PSI Compressive Strength, Add	0.60	
		For 40 PSI Compressive Strength, Add	1.41	
		For 60 PSI Compressive Strength, Add	2.21	
		For 115 PSI Compressive Strength, Add	9.67	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0125		Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082)		
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	1.95	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.09	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.02	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.10	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.13	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.11	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.43	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.14	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.74	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.16	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.03	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.19	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.24	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.22	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.63	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.25	
07 22 16 00-0134		Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.13	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.25	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.33	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.37	
07 22 16 00-0139		Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.09	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.27	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.31	
07 22 16 00-0143		Mechanically Fastened Rigid Board Roofing Insulation (07 22 16 00-0001)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144		Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0143)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	1.75	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.05	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.02	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.84	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.35	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.04	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.86	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.95	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.49	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0150		Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0143)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	1.90	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.04	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.86	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.26	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.04	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.86	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0153		Mechanically Fastened, Perlite, Roof Board Insulation (07 22 16 00-0143)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened.....	1.68	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened.....	1.86	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened.....	2.06	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened.....	2.61	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened.....	2.94	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0159		Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0143)		
		Note: Mechanically fastened to wood or steel.		



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0160	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	2.33	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0161	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	3.19	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Gypsum, Add	1.63	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0162	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	4.19	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0163			Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	4.38	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0165	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	5.16	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Gypsum, Add	1.63	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0166	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	6.76	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0167	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	8.39	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.59	
07 22 16 00-0168			Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0169	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.49	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.93	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.75	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0170	SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.56
	For Mechanically Fastened To Concrete, Add	1.34
	For Mechanically Fastened To Gypsum, Add	1.67
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.93
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.75
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96
07 22 16 00-0171	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.75
	For Mechanically Fastened To Concrete, Add	1.34
	For Mechanically Fastened To Gypsum, Add	1.67
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.93
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.75
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96
07 22 16 00-0172	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.93
	For Mechanically Fastened To Concrete, Add	1.34
	For Mechanically Fastened To Gypsum, Add	1.67
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.93
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.75
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96
07 22 16 00-0173	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.75
	For Mechanically Fastened To Concrete, Add	1.38
	For Mechanically Fastened To Gypsum, Add	1.63
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98
07 22 16 00-0174	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.56
	For Mechanically Fastened To Concrete, Add	1.42
	For Mechanically Fastened To Gypsum, Add	1.69
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.16
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.07
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16
07 22 16 00-0175	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	4.40
	For Mechanically Fastened To Concrete, Add	1.46
	For Mechanically Fastened To Gypsum, Add	1.70
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.22
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.33
07 22 16 00-0176	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.27
	For Mechanically Fastened To Concrete, Add	1.50
	For Mechanically Fastened To Gypsum, Add	1.69
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0177	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.38
	For Mechanically Fastened To Concrete, Add	1.54
	For Mechanically Fastened To Gypsum, Add	1.67
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.83
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.07

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-

0143)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.



Thermal And Moisture Protection		07	07
Thermal Protection		07 20	
Roof and Deck Insulation		07 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	2.16		
		For 25 PSI Compressive Strength, Add	0.19		
		For 40 PSI Compressive Strength, Add	0.46		
		For 60 PSI Compressive Strength, Add	0.75		
		For 115 PSI Compressive Strength, Add	3.20		
		For Mechanically Fastened To Concrete, Add	1.34		
		For Mechanically Fastened To Gypsum, Add	1.67		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96		
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	2.26		
		For 25 PSI Compressive Strength, Add	0.21		
		For 40 PSI Compressive Strength, Add	0.50		
		For 60 PSI Compressive Strength, Add	0.81		
		For 115 PSI Compressive Strength, Add	3.46		
		For Mechanically Fastened To Concrete, Add	1.34		
		For Mechanically Fastened To Gypsum, Add	1.67		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96		
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	2.82		
		For 25 PSI Compressive Strength, Add	0.30		
		For 40 PSI Compressive Strength, Add	0.71		
		For 60 PSI Compressive Strength, Add	1.13		
		For 100 PSI Compressive Strength, Add	1.45		
		For 115 PSI Compressive Strength, Add	4.90		
		For Mechanically Fastened To Concrete, Add	1.38		
		For Mechanically Fastened To Gypsum, Add	1.67		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96		
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	3.34		
		For 25 PSI Compressive Strength, Add	0.38		
		For 40 PSI Compressive Strength, Add	0.90		
		For 60 PSI Compressive Strength, Add	1.42		
		For 115 PSI Compressive Strength, Add	6.16		
		For Mechanically Fastened To Concrete, Add	1.38		
		For Mechanically Fastened To Gypsum, Add	1.63		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98		
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	3.90		
		For 25 PSI Compressive Strength, Add	0.47		
		For 40 PSI Compressive Strength, Add	1.11		
		For 60 PSI Compressive Strength, Add	1.74		
		For 100 PSI Compressive Strength, Add	2.24		
		For 115 PSI Compressive Strength, Add	7.60		
		For Mechanically Fastened To Concrete, Add	1.42		
		For Mechanically Fastened To Gypsum, Add	1.66		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.08		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.08		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.11		
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	4.42		
		For 25 PSI Compressive Strength, Add	0.55		
		For 40 PSI Compressive Strength, Add	1.30		
		For 60 PSI Compressive Strength, Add	2.03		
		For 115 PSI Compressive Strength, Add	8.89		
		For Mechanically Fastened To Concrete, Add	1.42		
		For Mechanically Fastened To Gypsum, Add	1.69		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	5.04	
		For 25 PSI Compressive Strength, Add	0.64	
		For 40 PSI Compressive Strength, Add	1.53	
		For 60 PSI Compressive Strength, Add	2.38	
		For 115 PSI Compressive Strength, Add	10.43	
		For Mechanically Fastened To Concrete, Add	1.46	
		For Mechanically Fastened To Gypsum, Add	1.70	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.22	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.33	
07 22 16 00-0186		Mechanically Fastened, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0143)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	1.94	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.10	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	2.01	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.11	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.95	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	2.18	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.12	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	2.48	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.15	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	2.83	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.18	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Gypsum, Add	1.66	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.08	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	3.12	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.21	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0193	SF		3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.53	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.25	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.59	
07 22 16 00-0194	SF		4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened.....	3.82	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.28	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.33	
07 22 16 00-0195			Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0196	SF		1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.21	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0197			Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0198	SF		1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.10	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0199	SF		3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.22	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0200	SF		1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.30	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0201	SF		5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.34	
			For Mechanically Fastened To Concrete, Add	1.34	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0202			Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.06	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.24	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.28	
		For Mechanically Fastened To Concrete, Add	1.34	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.51	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.77	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.81	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0206		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0143)		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.		
07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	3.62	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	3.80	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Gypsum, Add	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	2.98	
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.09	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Gypsum, Add	1.66	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.33	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.08	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.24	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.24	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.34	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.25	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.68	
		For Mechanically Fastened To Concrete, Add	1.46	
		For Mechanically Fastened To Gypsum, Add	1.66	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.68	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.76	



Thermal And Moisture Protection			07
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0212	SF		4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.82	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.33	
07 22 16 00-0213	SF		4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.19	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.87	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.03	
07 22 16 00-0214			Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0143)		
			Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.		
07 22 16 00-0215	SF		2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	3.71	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.32	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0216	SF		3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.02	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.16	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.24	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0217	SF		3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.47	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.66	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0218	SF		4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.71	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Gypsum, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.33	
07 22 16 00-0219	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.13	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.83	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.99	
07 22 16 00-0220	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.45	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.83	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.99	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0221	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.24	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.04	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.28	
07 22 16 00-0222			Rigid Board Tapered Roofing Insulation (07 22 16)		
			Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board.		
07 22 16 00-0223			Cold Adhesive Applied Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)		
07 22 16 00-0224			Cold Adhesive Applied, Tapered Polyisocyanurate Board (07 22 16 00-0223)		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0225			Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0226	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	3.64	
			For 25 PSI Compressive Strength, Add	0.22	
07 22 16 00-0227	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.20	
			For 25 PSI Compressive Strength, Add	0.26	
07 22 16 00-0228	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.59	
			For 25 PSI Compressive Strength, Add	0.30	
07 22 16 00-0229	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.97	
			For 25 PSI Compressive Strength, Add	0.33	
07 22 16 00-0230	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.36	
			For 25 PSI Compressive Strength, Add	0.37	
07 22 16 00-0231	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.93	
			For 25 PSI Compressive Strength, Add	0.41	
07 22 16 00-0232	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.31	
			For 25 PSI Compressive Strength, Add	0.45	
07 22 16 00-0233	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.70	
			For 25 PSI Compressive Strength, Add	0.49	
07 22 16 00-0234	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	9.08	
			For 25 PSI Compressive Strength, Add	0.53	
07 22 16 00-0235	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.65	
			For 25 PSI Compressive Strength, Add	0.57	
07 22 16 00-0236			Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0235)		
07 22 16 00-0237	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	3.45	
			For 25 PSI Compressive Strength, Add	0.20	
07 22 16 00-0238	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.39	
			For 25 PSI Compressive Strength, Add	0.28	
07 22 16 00-0239	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.16	
			For 25 PSI Compressive Strength, Add	0.35	
07 22 16 00-0240	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.12	
			For 25 PSI Compressive Strength, Add	0.43	
07 22 16 00-0241	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.89	
			For 25 PSI Compressive Strength, Add	0.51	
07 22 16 00-0242	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.84	
			For 25 PSI Compressive Strength, Add	0.59	
07 22 16 00-0243			Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0242)		
07 22 16 00-0244	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.78	
			For 25 PSI Compressive Strength, Add	0.31	
07 22 16 00-0245	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.51	
			For 25 PSI Compressive Strength, Add	0.47	



Thermal And Moisture Protection			07
Thermal Protection			07 20
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0246	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.23	
			For 25 PSI Compressive Strength, Add.....	0.62	
07 22 16 00-0247	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	13.95	
			For 25 PSI Compressive Strength, Add.....	0.78	
07 22 16 00-0248			Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0223) Note: Includes polyurethane adhesive.		
07 22 16 00-0249			Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0248)		
07 22 16 00-0250	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	3.21	
07 22 16 00-0251	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.78	
07 22 16 00-0252	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.06	
07 22 16 00-0253	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.35	
07 22 16 00-0254	SF		4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.64	
07 22 16 00-0255	SF		4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.22	
07 22 16 00-0256	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.50	
07 22 16 00-0257	SF		5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.79	
07 22 16 00-0258	SF		6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	8.08	
07 22 16 00-0259	SF		6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	9.66	
07 22 16 00-0260			Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0248)		
07 22 16 00-0261	SF		2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	3.07	
07 22 16 00-0262	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	4.92	
07 22 16 00-0263	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.50	
07 22 16 00-0264	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.36	
07 22 16 00-0265	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.94	
07 22 16 00-0266	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	9.80	
07 22 16 00-0267			Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0248)		
07 22 16 00-0268	SF		3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	5.21	
07 22 16 00-0269	SF		5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.65	
07 22 16 00-0270	SF		7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	10.09	
07 22 16 00-0271	SF		9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	12.82	
07 22 16 00-0272			Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) ^(07 22 16 00-0223) Note: Includes polyurethane adhesive.		
07 22 16 00-0273			Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) ^(07 22 16 00-0272)		
07 22 16 00-0274	SF		2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	3.56	
07 22 16 00-0275	SF		2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.12	
07 22 16 00-0276	SF		3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.48	
07 22 16 00-0277	SF		3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.85	
07 22 16 00-0278	SF		4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	6.21	
07 22 16 00-0279	SF		4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.79	
07 22 16 00-0280	SF		5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.15	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0281 SF 5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.52	
07 22 16 00-0282 SF 6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.88	
07 22 16 00-0283 SF 6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.45	
07 22 16 00-0284 Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0272)		
07 22 16 00-0285 SF 2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	3.38	
07 22 16 00-0286 SF 3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.30	
07 22 16 00-0287 SF 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	6.03	
07 22 16 00-0288 SF 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.97	
07 22 16 00-0289 SF 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.70	
07 22 16 00-0290 SF 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.63	
07 22 16 00-0291 Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0272)		
07 22 16 00-0292 SF 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	5.67	
For Mechanically Fastened To Concrete, Add	1.42	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
07 22 16 00-0293 SF 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.33	
07 22 16 00-0294 SF 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.00	
07 22 16 00-0295 SF 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	13.67	
07 22 16 00-0296 Cold Adhesive Applied, Tapered Perlite Board (07 22 16 00-0223)		
Note: Includes polyurethane adhesive.		
07 22 16 00-0297 Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0298 SF 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	5.08	
07 22 16 00-0299 SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	6.26	
07 22 16 00-0300 SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.05	
07 22 16 00-0301 SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.47	
07 22 16 00-0302 SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.26	
07 22 16 00-0303 SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.44	
07 22 16 00-0304 SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.23	
07 22 16 00-0305 SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.65	
07 22 16 00-0306 SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	11.43	
07 22 16 00-0307 SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	12.63	
07 22 16 00-0308 Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0309 SF 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	4.69	
07 22 16 00-0310 SF 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	6.66	
07 22 16 00-0311 SF 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.87	
07 22 16 00-0312 SF 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.83	
07 22 16 00-0313 SF 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	11.04	
07 22 16 00-0314 SF 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.02	
07 22 16 00-0315 Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0316 SF 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.44	
07 22 16 00-0317 SF 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.62	
07 22 16 00-0318 SF 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.80	
07 22 16 00-0319 SF 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	16.98	
07 22 16 00-0320 Hot-Mopped Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)		
07 22 16 00-0321 Hot-Mopped, Tapered Polyisocyanurate Board (07 22 16 00-0320)		
07 22 16 00-0322 Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0323 SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	3.43	
For 25 PSI Compressive Strength, Add	0.20	
07 22 16 00-0324 SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.07	
For 25 PSI Compressive Strength, Add	0.22	
07 22 16 00-0325 SF 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.45	
For 25 PSI Compressive Strength, Add	0.25	



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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0326	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.57	
			For 25 PSI Compressive Strength, Add	0.29	
07 22 16 00-0327	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	6.22	
			For 25 PSI Compressive Strength, Add	0.33	
07 22 16 00-0328	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.73	
			For 25 PSI Compressive Strength, Add	0.35	
07 22 16 00-0329	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.11	
			For 25 PSI Compressive Strength, Add	0.39	
07 22 16 00-0330	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.50	
			For 25 PSI Compressive Strength, Add	0.43	
07 22 16 00-0331	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.88	
			For 25 PSI Compressive Strength, Add	0.47	
07 22 16 00-0332	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.37	
			For 25 PSI Compressive Strength, Add	0.49	
07 22 16 00-0333			Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0334	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	3.37	
			For 25 PSI Compressive Strength, Add	0.18	
07 22 16 00-0335	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.26	
			For 25 PSI Compressive Strength, Add	0.24	
07 22 16 00-0336	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	6.03	
			For 25 PSI Compressive Strength, Add	0.31	
07 22 16 00-0337	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.92	
			For 25 PSI Compressive Strength, Add	0.37	
07 22 16 00-0338	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.69	
			For 25 PSI Compressive Strength, Add	0.45	
07 22 16 00-0339	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.56	
			For 25 PSI Compressive Strength, Add	0.51	
07 22 16 00-0340			Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0341	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	5.65	
			For 25 PSI Compressive Strength, Add	0.27	
07 22 16 00-0342	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.30	
			For 25 PSI Compressive Strength, Add	0.41	
07 22 16 00-0343	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.95	
			For 25 PSI Compressive Strength, Add	0.55	
07 22 16 00-0344	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	13.62	
			For 25 PSI Compressive Strength, Add	0.68	
07 22 16 00-0345			Hot-Mopped, Tapered Perlite Board (07 22 16 00-0320)		
07 22 16 00-0346			Hot-Mopped, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0347	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	4.59	
07 22 16 00-0348	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	6.13	
07 22 16 00-0349	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	6.91	
07 22 16 00-0350	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	6.93	
07 22 16 00-0351	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	7.71	
07 22 16 00-0352	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	9.24	
07 22 16 00-0353	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	10.02	
07 22 16 00-0354	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	10.04	
07 22 16 00-0355	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	10.82	
07 22 16 00-0356	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.35	
07 22 16 00-0357			Hot-Mopped, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0358	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	4.20	
07 22 16 00-0359	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	6.52	
07 22 16 00-0360	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	7.32	
07 22 16 00-0361	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	9.63	
07 22 16 00-0362	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	10.43	
07 22 16 00-0363	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	12.74	
07 22 16 00-0364			Hot-Mopped, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0365	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	7.31	
07 22 16 00-0366	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	10.41	
07 22 16 00-0367	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	62.95	
07 22 16 00-0368	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	16.64	
07 22 16 00-0369			Mechanically Fastened Tapered Roofing Insulation (07 22 16 00-0222)		
			Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370			Mechanically Fastened, Tapered Polyisocyanurate Board (07 22 16 00-0369)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371			Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0372	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	3.57	
			For 25 PSI Compressive Strength, Add	0.21	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0373	SF		3.25" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.77	
			For 25 PSI Compressive Strength, Add	0.21	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0374	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.16	
			For 25 PSI Compressive Strength, Add	0.25	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0375	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.64	
			For 25 PSI Compressive Strength, Add	0.30	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26	
07 22 16 00-0376	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.02	
			For 25 PSI Compressive Strength, Add	0.34	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.33	
07 22 16 00-0377	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.30	
			For 25 PSI Compressive Strength, Add	0.35	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0378	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.68	
			For 25 PSI Compressive Strength, Add	0.39	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0379	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	8.25	
			For 25 PSI Compressive Strength, Add	0.44	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0380	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	8.64	
			For 25 PSI Compressive Strength, Add	0.48	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0381	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.97	
			For 25 PSI Compressive Strength, Add	0.50	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0382			Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0379)		
07 22 16 00-0383	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	3.38	
			For 25 PSI Compressive Strength, Add	0.19	
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0384	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.96	
			For 25 PSI Compressive Strength, Add	0.23	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0385	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	5.83	
			For 25 PSI Compressive Strength, Add	0.32	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26	
07 22 16 00-0386	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.49	
			For 25 PSI Compressive Strength, Add	0.37	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	8.45	
		For 25 PSI Compressive Strength, Add	0.46	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	10.16	
		For 25 PSI Compressive Strength, Add	0.52	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	5.35	
		For 25 PSI Compressive Strength, Add	0.27	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.64	
		For 25 PSI Compressive Strength, Add	0.38	
		For Mechanically Fastened To Concrete, Add	1.50	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	10.55	
		For 25 PSI Compressive Strength, Add	0.56	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.36	
		For 25 PSI Compressive Strength, Add	0.72	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.93	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.92	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.88	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.37	
07 22 16 00-0394		Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0369)		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0395		Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)		
07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	3.14	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0397	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.35	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0398	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.63	
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0399	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.02	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26	
07 22 16 00-0400	SF		4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.31	
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.33	
07 22 16 00-0401	SF		4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.59	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0402	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.88	
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0403	SF		5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.35	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0404	SF		6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.64	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.97	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0406		Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)		
07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	2.99	
		For Mechanically Fastened To Concrete, Add	1.38	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.49	
		For Mechanically Fastened To Concrete, Add	1.42	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.16	
		For Mechanically Fastened To Concrete, Add	1.46	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.73	
		For Mechanically Fastened To Concrete, Add	1.50	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.49	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.12	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	

07 22 16 00-0413 **Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)** (07 22 16 00-0394)



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0414	SF		3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened .....4.78		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0415	SF		5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened .....7.02		
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0416	SF		7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened .....9.41		
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0417	SF		9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened .....12.22		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.93	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.92	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.88	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.37	
07 22 16 00-0418			Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0369) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0419			Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)		
07 22 16 00-0420	SF		2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....3.48		
			For Mechanically Fastened To Concrete, Add	1.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96	
07 22 16 00-0421	SF		2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....4.69		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11	
07 22 16 00-0422	SF		3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....5.91		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0423	SF		3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....5.51		
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.88
		For Mechanically Fastened To Concrete, Add	1.46
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.70
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.22
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.33
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.16
		For Mechanically Fastened To Concrete, Add	1.50
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.52
		For Mechanically Fastened To Concrete, Add	1.50
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.07
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.44
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.77
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10
07 22 16 00-0430		Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)	
07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	3.30
		For Mechanically Fastened To Concrete, Add	1.38
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.87
		For Mechanically Fastened To Concrete, Add	1.42
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0433	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....5.70		
			For Mechanically Fastened To Concrete, Add	1.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26	
07 22 16 00-0434	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....7.34		
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0435	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....8.26		
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74	
07 22 16 00-0436	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....9.95		
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0437			Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)		
07 22 16 00-0438	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....5.24		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16	
07 22 16 00-0439	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....7.71		
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0440	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....10.32		
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0441	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened .....12.91		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.93	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.92	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.88	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.37	
07 22 16 00-0442			Mechanically Fastened, Tapered Perlite Board (07 22 16 00-0389) Note: Mechanically fastened to wood or steel.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0442)	
07 22 16 00-0444 SF 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	4.59
For Mechanically Fastened To Concrete, Add	1.38
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.61
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.64
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.75
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	1.98
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	0.95
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.61
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	2.96
07 22 16 00-0445 SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	5.83
For Mechanically Fastened To Concrete, Add	1.42
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.08
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.11
07 22 16 00-0446 SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.62
For Mechanically Fastened To Concrete, Add	1.42
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.85
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.12
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.76
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.16
07 22 16 00-0447 SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.73
For Mechanically Fastened To Concrete, Add	1.46
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.66
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.18
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.26
07 22 16 00-0448 SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.51
For Mechanically Fastened To Concrete, Add	1.46
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.70
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.85
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.98
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.22
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.28
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.96
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.33
07 22 16 00-0449 SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.81
For Mechanically Fastened To Concrete, Add	1.50
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49
07 22 16 00-0450 SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.60
For Mechanically Fastened To Concrete, Add	1.50
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49
07 22 16 00-0451 SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.79
For Mechanically Fastened To Concrete, Add	1.54
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74
07 22 16 00-0452 SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.58
For Mechanically Fastened To Concrete, Add	1.54
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.50
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.84
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.54
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.74



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened .....11.95 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.74 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 1.40 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.74 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 2.10 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.80 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 4.10		
07 22 16 00-0454		Mechanically Fastened, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0448)		
07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened .....4.20 For Mechanically Fastened To Concrete, Add 1.38 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.61 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.64 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 1.75 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 1.98 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 0.95 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 2.61 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 2.96		
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened .....6.23 For Mechanically Fastened To Concrete, Add 1.42 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.66 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 1.85 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.08 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 2.76 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 3.11		
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened .....7.12 For Mechanically Fastened To Concrete, Add 1.46 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.66 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.85 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 1.98 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.18 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.28 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 2.96 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 3.26		
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened .....9.20 For Mechanically Fastened To Concrete, Add 1.50 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.69 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 1.01 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.14 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.33 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.51 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.20 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 3.49		
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened .....10.19 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.67 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 1.22 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.36 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.50 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.84 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.54 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 3.74		
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened .....12.34 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.74 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 1.40 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.74 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 2.10 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.80 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 4.10		
07 22 16 00-0461		Mechanically Fastened, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0442)		
07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened .....7.01 For Mechanically Fastened To Concrete, Add 1.42 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.69 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 1.85 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add 2.12 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 2.76 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add 3.16		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0463	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened .....9.99		
			For Mechanically Fastened To Concrete, Add	1.50	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.69	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.14	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.33	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.51	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.20	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.49	
07 22 16 00-0464	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened .....13.12		
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.74	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0465	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened .....16.38		
			For Mechanically Fastened To Concrete, Add	1.42	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.93	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.92	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.88	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.10	
07 22 16 00-0466			Demolish Rigid Board Roofing Insulation (07 22 16)		
			Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 22 16 00-0467	SF		Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation.....0.54		
07 22 16 00-0468	SF		Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation.....0.56		
07 22 16 00-0469	SF		Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation.....0.57		
07 22 16 00-0470	SF		Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation.....0.60		
07 22 16 00-0471	SF		Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation.....0.61		
07 22 16 00-0472	SF		Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation.....0.63		
07 22 16 00-0473	SF		Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation.....0.64		
07 22 16 00-0474	SF		Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation.....0.65		
07 22 16 00-0475	SF		Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation.....0.67		
07 22 16 00-0476	SF		Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation.....0.69		
07 22 16 00-0477	SF		Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation.....0.70		
07 22 16 00-0478	SF		Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation.....0.72		
07 22 16 00-0479	SF		Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation.....0.74		
07 24			Exterior Insulation and Finish Systems (07 20)		
07 24 13			Polymer-Based Exterior Insulation and Finish System (07 24)		
07 24 13 00-0001			Exterior Insulation Finishing System (EIFS) (07 24 13)		
07 24 13 00-0002			Insulation For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0003	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied .....2.97		
			For Up To 100, Add	0.68	
			For >100 To 500, Add	0.34	
			For >5,000, Deduct	-0.14	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.21	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	1.79	
07 24 13 00-0004	SF		1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied .....3.36		
			For Up To 100, Add	0.70	
			For >100 To 500, Add	0.35	
			For >5,000, Deduct	-0.14	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.23	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	1.80	
07 24 13 00-0005	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied .....3.75		
			For Up To 100, Add	0.71	
			For >100 To 500, Add	0.35	
			For >5,000, Deduct	-0.14	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.35	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	1.89	
07 24 13 00-0006	SF		2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied .....4.12		
			For Up To 100, Add	0.71	
			For >100 To 500, Add	0.36	
			For >5,000, Deduct	-0.14	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.41	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	1.98	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Exterior Insulation and Finish Systems			07 24

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0007	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.51	
			For Up To 100, Add	0.72	
			For >100 To 500, Add	0.36	
			For >5,000, Deduct	-0.14	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.41	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	1.98	
07 24 13 00-0008	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.26	
			For Up To 100, Add	0.73	
			For >100 To 500, Add	0.37	
			For >5,000, Deduct	-0.15	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.56	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.11	
07 24 13 00-0009			Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001) Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.		
07 24 13 00-0010	SF		4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat.....	4.01	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	
07 24 13 00-0011	SF		6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat.....	4.39	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	
07 24 13 00-0012	SF		15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat.....	5.40	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	
07 24 13 00-0013	SF		20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat.....	5.71	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	
07 24 13 00-0014			Base Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0015	SF		Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....	1.96	
			For Up To 100, Add	0.68	
			For >100 To 500, Add	0.34	
			For >5,000, Deduct	-0.14	
07 24 13 00-0016	SF		Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	2.24	
			For Up To 100, Add	0.68	
			For >100 To 500, Add	0.34	
			For >5,000, Deduct	-0.14	
07 24 13 00-0017	SF		Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	3.75	
			For Up To 100, Add	0.68	
			For >100 To 500, Add	0.34	
			For >5,000, Deduct	-0.14	
07 24 13 00-0018	SF		Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	4.95	
			For Up To 100, Add	0.68	
			For >100 To 500, Add	0.34	
			For >5,000, Deduct	-0.14	
07 24 13 00-0019			Finish Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001) Note: Includes all standard manufacturers' colors.		
07 24 13 00-0020	SF		100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.40	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	
07 24 13 00-0021	SF		100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.46	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	
07 24 13 00-0022	SF		Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	3.91	
			For Up To 100, Add	1.37	
			For >100 To 500, Add	0.68	
			For >5,000, Deduct	-0.27	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	4.30	
		For Up To 100, Add	1.37	
		For >100 To 500, Add	0.68	
		For >5,000, Deduct	-0.27	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	3.91	
		For Up To 100, Add	1.37	
		For >100 To 500, Add	0.68	
		For >5,000, Deduct	-0.27	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	4.30	
		For Up To 100, Add	1.37	
		For >100 To 500, Add	0.68	
		For >5,000, Deduct	-0.27	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth).....	3.53	
		For Up To 100, Add	1.37	
		For >100 To 500, Add	0.68	
		For >5,000, Deduct	-0.27	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	3.94	
		For Up To 100, Add	1.37	
		For >100 To 500, Add	0.68	
		For >5,000, Deduct	-0.27	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™).....	7.44	
		For Up To 100, Add	1.37	
		For >100 To 500, Add	0.68	
		For >5,000, Deduct	-0.27	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001).....		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....	1.02	
		For Up To 100, Add	0.39	
		For >100 To 500, Add	0.19	
		For >5,000, Deduct	-0.08	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	1.04	
		For Up To 100, Add	0.39	
		For >100 To 500, Add	0.19	
		For >5,000, Deduct	-0.08	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001).....		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....	1.35	
		For Up To 100, Add	0.39	
		For >100 To 500, Add	0.19	
		For >5,000, Deduct	-0.08	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....	1.63	
		For Up To 100, Add	0.39	
		For >100 To 500, Add	0.19	
		For >5,000, Deduct	-0.08	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001).....		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat).....	1.99	
		For Up To 100, Add	0.43	
		For >100 To 500, Add	0.21	
		For >5,000, Deduct	-0.09	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001).....		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.84	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	3.05	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	3.30	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	3.81	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.05	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.30	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.54	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	4.11	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001).....		



Thermal And Moisture Protection			07
Thermal Protection			07 20
Exterior Insulation and Finish Systems			07 24

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0047	SF		Demolish Exterior Insulation Finishing Systems (EIFS).....	2.56	
			Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
			For Up To 100, Add	1.28	
			For >100 To 500, Add	0.64	
			For >5,000, Deduct	-0.26	

07 25 Weather Barriers (07)

07 26 Vapor Retarders (07 25)

07 26 13 Above-Grade Vapor Retarders (07 26)

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....	24.00	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....	22.56	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute).....	27.18	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute).....	33.96	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing.....	21.99	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	71.40	
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape.....	103.20	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape.....	145.83	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape.....	198.72	
07 26 13 00-0010	CSF	Building Wrap (Tyvek).....	54.87	

07 27 Air Barriers (07 25)

07 27 23 Board Product Air Barriers (07 27)

07 27 23 00-0001 Barriers For Plenums (07 27 23)

07 27 23 00-0002	SF	0.5" Thick Lead Vinyl Acoustic Plenum Barrier 0.48 LB/SF.....	9.52	2.78
		For Up To 50, Add	3.61	
		For >50 To 200, Add	2.04	
		For >200 To 500, Add	0.75	
		For >2,500, Deduct	-0.48	
07 27 23 00-0003	SF	0.625" Thick Lead Vinyl Acoustic Plenum Barrier 0.87 LB/SF.....	10.31	2.78
		For Up To 50, Add	3.94	
		For >50 To 200, Add	2.23	
		For >200 To 500, Add	0.82	
		For >2,500, Deduct	-0.52	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....	3.94	1.85
		For Up To 50, Add	1.94	
		For >50 To 200, Add	1.07	
		For >200 To 500, Add	0.37	
		For >2,500, Deduct	-0.20	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick.....	7.18	2.78
		For Up To 50, Add	3.47	
		For >50 To 200, Add	1.92	
		For >200 To 500, Add	0.66	
		For >2,500, Deduct	-0.36	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....	5.25	1.85
		For Up To 50, Add	2.14	
		For >50 To 200, Add	1.20	
		For >200 To 500, Add	0.43	
		For >2,500, Deduct	-0.26	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....	7.12	1.85
		For Up To 50, Add	2.30	
		For >50 To 200, Add	1.33	
		For >200 To 500, Add	0.51	
		For >2,500, Deduct	-0.36	

07 30 Steep Slope Roofing (07)

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes (07 30)

07 31 13 Asphalt Shingles (07 31)

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles (07 31 13)

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20).....	254.31	179.45
		For >35 To 75, Deduct	-9.11	
		For >75 To 100, Deduct	-15.01	
		For >100 To 200, Deduct	-22.74	
		For >200, Deduct	-34.54	
		For Steep Roof, Over 7 To 12, Add	52.22	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25).....	266.74	188.46
		For >35 To 75, Deduct	-9.54	
		For >75 To 100, Deduct	-15.73	
		For >100 To 200, Deduct	-23.83	
		For >200, Deduct	-36.22	
		For Steep Roof, Over 7 To 12, Add	54.83	
07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30).....	305.64	197.86
		For >35 To 75, Deduct	-12.57	
		For >75 To 100, Deduct	-19.58	
		For >100 To 200, Deduct	-29.11	
		For >200, Deduct	-43.13	
		For Steep Roof, Over 7 To 12, Add	57.58	
07 31 13 13-0005		Architectural Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)		
		Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark).....	317.95	229.09
		For >35 To 75, Deduct	-10.97	
		For >75 To 100, Deduct	-18.37	
		For >100 To 200, Deduct	-27.97	
		For >200, Deduct	-42.77	
		For Steep Roof, Over 7 To 12, Add	66.63	
07 31 13 13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate).....	332.91	218.12
		For >35 To 75, Deduct	-13.46	
		For >75 To 100, Deduct	-21.11	
		For >100 To 200, Deduct	-31.45	
		For >200, Deduct	-46.75	
		For Steep Roof, Over 7 To 12, Add	63.47	
07 31 13 13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus).....	361.29	240.54
		For >35 To 75, Deduct	-14.26	
		For >75 To 100, Deduct	-22.58	
		For >100 To 200, Deduct	-33.75	
		For >200, Deduct	-50.39	
		For Steep Roof, Over 7 To 12, Add	69.99	
07 31 13 13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras).....	345.16	207.74
		For >35 To 75, Deduct	-15.63	
		For >75 To 100, Deduct	-23.48	
		For >100 To 200, Deduct	-34.45	
		For >200, Deduct	-50.15	
		For Steep Roof, Over 7 To 12, Add	60.43	
07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium).....	390.67	252.58
		For >35 To 75, Deduct	-16.11	
		For >75 To 100, Deduct	-25.07	
		For >100 To 200, Deduct	-37.25	
		For >200, Deduct	-55.18	
		For Steep Roof, Over 7 To 12, Add	73.46	
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence).....	414.28	252.58
		For >35 To 75, Deduct	-18.47	
		For >75 To 100, Deduct	-27.90	
		For >100 To 200, Deduct	-41.03	
		For >200, Deduct	-59.90	
		For Steep Roof, Over 7 To 12, Add	73.46	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake).....	452.83	278.43
		For >35 To 75, Deduct	-19.97	
		For >75 To 100, Deduct	-30.29	
		For >100 To 200, Deduct	-44.60	
		For >200, Deduct	-65.25	
		For Steep Roof, Over 7 To 12, Add	81.01	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL).....	447.42	265.21
		For >35 To 75, Deduct	-20.64	
		For >75 To 100, Deduct	-30.79	
		For >100 To 200, Deduct	-45.07	
		For >200, Deduct	-65.38	
		For Steep Roof, Over 7 To 12, Add	77.13	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris).....	443.32	252.58
		For >35 To 75, Deduct	-21.38	
		For >75 To 100, Deduct	-31.39	
		For >100 To 200, Deduct	-45.68	
		For >200, Deduct	-65.71	
		For Steep Roof, Over 7 To 12, Add	73.46	
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate).....	516.40	278.43
		For >35 To 75, Deduct	-26.32	
		For >75 To 100, Deduct	-37.92	
		For >100 To 200, Deduct	-54.78	
		For >200, Deduct	-77.96	
		For Steep Roof, Over 7 To 12, Add	81.01	



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Shingles and Shakes			07 31

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0016	SQ		355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....	532.96	278.43
			For >35 To 75, Deduct	-27.98	
			For >75 To 100, Deduct	-39.90	
			For >100 To 200, Deduct	-57.42	
			For >200, Deduct	-81.28	
			For Steep Roof, Over 7 To 12, Add	81.01	
07 31 13 13-0017	SQ		480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....	591.74	307.02
			For >35 To 75, Deduct	-31.26	
			For >75 To 100, Deduct	-44.49	
			For >100 To 200, Deduct	-63.98	
			For >200, Deduct	-90.44	
			For Steep Roof, Over 7 To 12, Add	89.32	
07 31 13 13-0018	SQ		425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor).....	581.29	292.33
			For >35 To 75, Deduct	-31.55	
			For >75 To 100, Deduct	-44.50	
			For >100 To 200, Deduct	-63.77	
			For >200, Deduct	-89.68	
			For Steep Roof, Over 7 To 12, Add	85.06	
07 31 13 13-0019			Asphalt Shingle Accessories (07 31 13 13)		
07 31 13 13-0020	LF		Hip And Ridge Roll Vent Note: Excludes shingles.	6.32	1.08
07 31 13 13-0021	LF		Three Tab Hip And Ridge Shingles.....	3.62	2.67
07 31 13 13-0022	LF		Architectural Hip And Ridge Shingles.....	4.34	2.97
07 31 13 13-0023	SQ		Demolish Each Additional Layer Of Shingles.....	83.21	
07 31 16			Metal Shingles (07 31)		
07 31 16 00-0001			Aluminum Shingles (07 31 16)		
07 31 16 00-0002	SQ		Aluminum Shingles, Mill Finish, 0.020" Thick..... For Colors, Anodized Finish, Add For Bonderized Finish, Add For 1" Factory Applied Polystyrene, Add	789.43 30.00 47.00 37.00	166.21
07 31 16 00-0003	SQ		Aluminum Shingles, Mill Finish, 0.030" Thick..... For Colors, Anodized Finish, Add For Bonderized Finish, Add For 1" Factory Applied Polystyrene, Add	1,098.50 30.00 47.00 37.00	181.66
07 31 16 00-0004	LF		Aluminum Shingles, Ridge Cap, 0.020" Thick.....	14.75	2.39
07 31 16 00-0005	LF		Aluminum Shingles, Ridge Cap, 0.030" Thick.....	15.50	2.39
07 31 16 00-0006	LF		Aluminum Shingles, Valley Section, 0.020" Thick.....	9.19	2.39
07 31 16 00-0007	LF		Aluminum Shingles, Valley Section, 0.030" Thick.....	10.67	2.39
07 31 16 00-0008			Galvanized Steel Shingles (07 31 16)		
07 31 16 00-0009	SQ		24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles..... For Factory Applied 1" Polystyrene Insulation, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For Steep Roof, Over 7 To 12, Add	446.45 24.75 -5.89 -17.79 -31.16 -43.06 95.73	149.55
07 31 16 00-0010	SQ		26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles..... For Factory Applied 1" Polystyrene Insulation, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For Steep Roof, Over 7 To 12, Add	431.77 24.75 -5.41 -16.88 -29.70 -41.17 94.92	148.35
07 31 16 00-0011	SQ		24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles..... For Factory Applied 1" Polystyrene Insulation, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For Steep Roof, Over 7 To 12, Add	661.19 24.75 -14.48 -32.82 -54.78 -73.12 95.73	149.55
07 31 16 00-0012	SQ		26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles..... For Factory Applied 1" Polystyrene Insulation, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For Steep Roof, Over 7 To 12, Add	614.02 24.75 -12.70 -29.63 -49.75 -66.68 94.92	148.35
07 31 16 00-0013	LF		Galvanized Steel Shingles, Ridge Or Valley..... For Factory Applied 1" Polystyrene Insulation, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For Steep Roof, Over 7 To 12, Add	7.02 24.75 -0.12 -0.32 -0.54 -0.73 1.25	1.99

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 31 26 Slate Shingles (07 31)

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails (07 31 26)

07 31 26 00-0002	SQ Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,119.47	255.12
	For >50 To 75, Deduct	-22.10	
	For >75 To 100, Deduct	-52.85	
	For >100 To 200, Deduct	-89.13	
	For >200, Deduct	-119.88	
	For Graduated Shapes, Add	82.89	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0003	SQ Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,270.59	255.12
	For >50 To 75, Deduct	-28.15	
	For >75 To 100, Deduct	-63.43	
	For >100 To 200, Deduct	-105.75	
	For >200, Deduct	-141.04	
	For Graduated Shapes, Add	105.56	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0004	SQ Slate Shingles, Penn Black Bangor	1,225.25	255.12
	For >50 To 75, Deduct	-26.33	
	For >75 To 100, Deduct	-60.26	
	For >100 To 200, Deduct	-100.76	
	For >200, Deduct	-134.69	
	For Graduated Shapes, Add	98.76	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0005	SQ Slate Shingles, Vermont, Unfading Colors, Green	1,240.37	255.12
	For >50 To 75, Deduct	-26.94	
	For >75 To 100, Deduct	-61.32	
	For >100 To 200, Deduct	-102.43	
	For >200, Deduct	-136.80	
	For Graduated Shapes, Add	101.02	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0006	SQ Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,300.82	255.12
	For >50 To 75, Deduct	-29.36	
	For >75 To 100, Deduct	-65.55	
	For >100 To 200, Deduct	-109.08	
	For >200, Deduct	-145.27	
	For Graduated Shapes, Add	110.09	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0007	SQ Slate Shingles, Vermont, Unfading Color, Purple	1,225.25	255.12
	For >50 To 75, Deduct	-26.33	
	For >75 To 100, Deduct	-60.26	
	For >100 To 200, Deduct	-100.76	
	For >200, Deduct	-134.69	
	For Graduated Shapes, Add	98.76	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0008	SQ Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,179.92	255.12
	For >50 To 75, Deduct	-24.52	
	For >75 To 100, Deduct	-57.08	
	For >100 To 200, Deduct	-95.78	
	For >200, Deduct	-128.34	
	For Graduated Shapes, Add	91.96	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0009	SQ Slate Shingles, Vermont, Unfading Color, Red	2,124.24	255.12
	For >50 To 75, Deduct	-62.29	
	For >75 To 100, Deduct	-123.19	
	For >100 To 200, Deduct	-199.65	
	For >200, Deduct	-260.55	
	For Graduated Shapes, Add	233.60	
	For Steep Roof, Over 7 To 12, Add	181.40	
07 31 26 00-0010	SQ Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,225.25	255.12
	For >50 To 75, Deduct	-26.33	
	For >75 To 100, Deduct	-60.26	
	For >100 To 200, Deduct	-100.76	
	For >200, Deduct	-134.69	
	For Graduated Shapes, Add	98.76	
	For Steep Roof, Over 7 To 12, Add	181.40	

07 31 29 Wood Shingles and Shakes (07 31)**07 31 29 13 Wood Shingles** (07 31 29)**07 31 29 13-0001 #1 Grade, Red Cedar Shingles** (07 31 29 13)**07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs** (07 31 29 13-0001)

07 31 29 13-0003	SQ 3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	676.82	185.71
	For Steep Roof, Over 7 To 12, Add	118.86	
	For Pressure-Impregnated Treated (Preservative), Add	45.81	
07 31 29 13-0004	SQ 5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	492.35	139.28
	For Steep Roof, Over 7 To 12, Add	89.15	
	For Pressure-Impregnated Treated (Preservative), Add	32.07	
07 31 29 13-0005	SQ 4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	598.19	157.86
	For Steep Roof, Over 7 To 12, Add	101.03	
	For Pressure-Impregnated Treated (Preservative), Add	42.37	



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Shingles and Shakes			07 31

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0006	SQ	5-1/2"	Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	490.21 83.20 34.53	130.00
07 31 29 13-0007	SQ	5-3/4"	Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	630.88 78.74 57.72	123.04
07 31 29 13-0008	SQ	7-1/2"	Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	491.76 66.85 42.43	104.46
07 31 29 13-0009			#1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)		
07 31 29 13-0010	SQ	7"	Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	486.98 22.90	167.14
07 31 29 13-0011	SQ	8"	Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	474.49 23.82	157.86
07 31 29 13-0012	SQ	10-1/2"	Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	475.96 30.30	136.97
07 31 29 13-0013			#2 Grade, Red Cedar Shingles (07 31 29 13)		
07 31 29 13-0014			#2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)		
07 31 29 13-0015	SQ	3-1/2"	Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	636.66 124.80 37.00	195.00
07 31 29 13-0016	SQ	4"	Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	568.68 112.91 32.37	176.43
07 31 29 13-0017	SQ	4"	Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	602.34 112.91 37.42	176.43
07 31 29 13-0018	SQ	4-1/2"	Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	537.66 101.03 33.29	157.86
07 31 29 13-0019	SQ	5-3/4"	Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	514.54 78.74 40.27	123.04
07 31 29 13-0020	SQ	6-1/2"	Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	422.68 68.34 31.37	106.79
07 31 29 13-0021			#2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)		
07 31 29 13-0022	SQ	6"	Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	476.18 18.50	176.43
07 31 29 13-0023	SQ	7"	Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	459.04 18.71	167.14
07 31 29 13-0024	SQ	9"	Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	438.09 21.14	148.58
07 31 29 16			Wood Shakes (07 31 29)		
07 31 29 16-0001			#1 Grade, Red Cedar Shakes (07 31 29 16)		
07 31 29 16-0002			#1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)		
07 31 29 16-0003	SQ	8-1/2"	Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	499.12 96.57 29.60	150.89
07 31 29 16-0004	SQ	8-1/2"	Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	564.89 96.57 39.47	150.89
07 31 29 16-0005	SQ	10"	Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	517.39 78.74 40.70	123.04
07 31 29 16-0006	SQ	10"	Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative), Add	545.35 78.74 44.89	123.04
07 31 29 16-0007			#1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)		
07 31 29 16-0008	SQ	8-1/2"	Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	522.33 29.60	162.50
07 31 29 16-0009	SQ	8-1/2"	Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	588.10 39.47	162.50
07 31 29 16-0010	SQ	10"	Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	549.90 40.70	139.28
07 31 29 16-0011	SQ	10"	Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall..... For Pressure-Impregnated Treated (Preservative), Add	577.86 44.89	139.28
07 31 29 19			Wood Shingles And Shakes Cap (07 31 29)		

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 31 29 19-0001 Accessories (07 31 29 19)

07 31 29 19-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes.....	8.02	1.21
		<i>For Steep Roof, Over 7 To 12, Add</i>	0.90	
		<i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>	0.78	

07 31 33 Composite Rubber Shingles (07 31)**07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles** (07 31 33)

Note: As manufactured by EcoStar.

07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure.....	984.30	222.73
		Note: Gray or black.		
		<i>For Purple Or Green Color, Add</i>	86.22	
		<i>For Brown Or Red Color, Add</i>	220.94	
		<i>For Steep Roof, Over 7 To 12, Add</i>	142.53	
		<i>For >50 To 75, Deduct</i>	-13.47	
		<i>For >75 To 100, Deduct</i>	-38.08	
		<i>For >100 To 200, Deduct</i>	-62.69	
		<i>For >200, Deduct</i>	-98.43	
		<i>For 6.5" Exposure, Add</i>	68.19	
		<i>For 6.0" Exposure, Add</i>	136.37	
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure.....	1,343.56	222.73
		Note: Fire resistant. Gray or black.		
		<i>For Purple, Green, Brown Or Red, Add</i>	134.72	
		<i>For Steep Roof, Over 7 To 12, Add</i>	142.53	
		<i>For >50 To 75, Deduct</i>	-22.45	
		<i>For >75 To 100, Deduct</i>	-56.04	
		<i>For >100 To 200, Deduct</i>	-89.63	
		<i>For >200, Deduct</i>	-134.36	
		<i>For 6.5" Exposure, Add</i>	93.85	
		<i>For 6.0" Exposure, Add</i>	187.69	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure.....	1,132.23	222.73
		Note: Beaver tail, chisel point or beveled edges. Gray or black.		
		<i>For Purple, Green, Brown Or Red, Add</i>	247.26	
		<i>For Steep Roof, Over 7 To 12, Add</i>	142.53	
		<i>For >50 To 75, Deduct</i>	-17.17	
		<i>For >75 To 100, Deduct</i>	-45.48	
		<i>For >100 To 200, Deduct</i>	-73.78	
		<i>For >200, Deduct</i>	-113.22	
		<i>For 6.5" Exposure, Add</i>	78.75	
		<i>For 6.0" Exposure, Add</i>	157.50	
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure.....	1,417.53	222.73
		Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.		
		<i>For Purple, Green, Brown Or Red, Add</i>	106.93	
		<i>For Steep Roof, Over 7 To 12, Add</i>	142.53	
		<i>For >50 To 75, Deduct</i>	-24.30	
		<i>For >75 To 100, Deduct</i>	-59.74	
		<i>For >100 To 200, Deduct</i>	-95.18	
		<i>For >200, Deduct</i>	-141.75	
		<i>For 6.5" Exposure, Add</i>	99.13	
		<i>For 6.0" Exposure, Add</i>	198.26	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle.....	9.95	1.50
		Note: Beveled or pointed edges, gray or black.		

07 32 Roof Tiles (07 30)**07 32 13 Clay Roof Tiles** (07 32)

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanal Or Classic Tile, 158 Piece Per SQ.....	1,262.77	241.95
		<i>For >25 To 50, Deduct</i>	-46.73	
		<i>For >50 To 75, Deduct</i>	-89.98	
		<i>For >75 To 100, Deduct</i>	-125.44	
		<i>For >100 To 200, Deduct</i>	-153.12	
		<i>For >200, Deduct</i>	-173.01	
		<i>For 20 Year Warranty, Add</i>	54.52	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ.....	1,514.50	241.95
		<i>For >25 To 50, Deduct</i>	-61.83	
		<i>For >50 To 75, Deduct</i>	-115.15	
		<i>For >75 To 100, Deduct</i>	-158.17	
		<i>For >100 To 200, Deduct</i>	-190.88	
		<i>For >200, Deduct</i>	-213.28	
		<i>For 20 Year Warranty, Add</i>	72.14	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ.....	1,514.50	241.95
		<i>For >25 To 50, Deduct</i>	-61.83	
		<i>For >50 To 75, Deduct</i>	-115.15	
		<i>For >75 To 100, Deduct</i>	-158.17	
		<i>For >100 To 200, Deduct</i>	-190.88	
		<i>For >200, Deduct</i>	-213.28	
		<i>For 20 Year Warranty, Add</i>	72.14	



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Roof Tiles			07 32

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ.....	1,728.08	241.95
		For >25 To 50, Deduct	-74.65	
		For >50 To 75, Deduct	-136.51	
		For >75 To 100, Deduct	-185.93	
		For >100 To 200, Deduct	-222.92	
		For >200, Deduct	-247.46	
		For 20 Year Warranty, Add	87.09	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ.....	1,505.80	295.82
		For >25 To 50, Deduct	-54.85	
		For >50 To 75, Deduct	-106.21	
		For >75 To 100, Deduct	-148.42	
		For >100 To 200, Deduct	-181.50	
		For >200, Deduct	-205.43	
		For 20 Year Warranty, Add	63.99	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ.....	1,881.53	295.82
		For >25 To 50, Deduct	-77.39	
		For >50 To 75, Deduct	-143.78	
		For >75 To 100, Deduct	-197.27	
		For >100 To 200, Deduct	-237.86	
		For >200, Deduct	-265.55	
		For 20 Year Warranty, Add	90.29	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ.....	2,400.57	399.08
		For >25 To 50, Deduct	-96.16	
		For >50 To 75, Deduct	-180.21	
		For >75 To 100, Deduct	-248.24	
		For >100 To 200, Deduct	-300.24	
		For >200, Deduct	-336.22	
		For 20 Year Warranty, Add	112.19	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ.....	1,317.81	295.82
		For >25 To 50, Deduct	-43.57	
		For >50 To 75, Deduct	-87.41	
		For >75 To 100, Deduct	-123.98	
		For >100 To 200, Deduct	-153.30	
		For >200, Deduct	-175.35	
		For 20 Year Warranty, Add	50.83	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ.....	1,622.18	295.82
		For >25 To 50, Deduct	-61.83	
		For >50 To 75, Deduct	-117.85	
		For >75 To 100, Deduct	-163.55	
		For >100 To 200, Deduct	-198.95	
		For >200, Deduct	-224.05	
		For 20 Year Warranty, Add	72.14	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ.....	1,130.33	221.49
		For >25 To 50, Deduct	-41.24	
		For >50 To 75, Deduct	-79.81	
		For >75 To 100, Deduct	-111.50	
		For >100 To 200, Deduct	-136.32	
		For >200, Deduct	-154.27	
		For 20 Year Warranty, Add	48.11	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ.....	1,458.33	221.49
		For >25 To 50, Deduct	-60.92	
		For >50 To 75, Deduct	-112.61	
		For >75 To 100, Deduct	-154.14	
		For >100 To 200, Deduct	-185.52	
		For >200, Deduct	-206.75	
		For 20 Year Warranty, Add	71.07	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ.....	1,740.57	221.49
		For >25 To 50, Deduct	-77.85	
		For >50 To 75, Deduct	-140.83	
		For >75 To 100, Deduct	-190.83	
		For >100 To 200, Deduct	-227.86	
		For >200, Deduct	-251.91	
		For 20 Year Warranty, Add	90.83	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ.....	2,106.35	347.20
		For >25 To 50, Deduct	-84.72	
		For >50 To 75, Deduct	-158.56	
		For >75 To 100, Deduct	-218.27	
		For >100 To 200, Deduct	-263.87	
		For >200, Deduct	-295.35	
		For 20 Year Warranty, Add	98.84	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ.....	934.77	241.95
		For >25 To 50, Deduct	-27.05	
		For >50 To 75, Deduct	-57.18	
		For >75 To 100, Deduct	-82.80	
		For >100 To 200, Deduct	-103.92	
		For >200, Deduct	-120.53	
		For 20 Year Warranty, Add	31.56	
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ.....	1,248.20	347.20
		For >25 To 50, Deduct	-33.23	
		For >50 To 75, Deduct	-72.74	
		For >75 To 100, Deduct	-106.71	
		For >100 To 200, Deduct	-135.15	
		For >200, Deduct	-158.05	
		For 20 Year Warranty, Add	38.77	

07 32 16 Concrete Roof Tiles (07 32)

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 32 Roof Tiles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 16 00-0001			Corrugated Tiles And Shakes Nailed To Wood (07 32 16) Note: Includes 30 lb felt underlayment.		
07 32 16 00-0002	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated.....	977.44	366.76
			For >50 To 75, Deduct	-9.75	
			For >75 To 100, Deduct	-35.41	
			For >100 To 200, Deduct	-63.50	
			For >200, Deduct	-89.16	
			For Steep Roof, Over 7 To 12, Add	234.76	
07 32 16 00-0003	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,222.07	366.76
			For >50 To 75, Deduct	-19.54	
			For >75 To 100, Deduct	-52.53	
			For >100 To 200, Deduct	-90.41	
			For >200, Deduct	-123.40	
			For Steep Roof, Over 7 To 12, Add	234.76	
07 32 16 00-0004	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,026.37	366.76
			For >50 To 75, Deduct	-11.71	
			For >75 To 100, Deduct	-38.83	
			For >100 To 200, Deduct	-68.88	
			For >200, Deduct	-96.01	
			For Steep Roof, Over 7 To 12, Add	234.76	
07 32 16 00-0005	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	961.38	328.15
			For >50 To 75, Deduct	-12.20	
			For >75 To 100, Deduct	-37.76	
			For >100 To 200, Deduct	-66.37	
			For >200, Deduct	-91.93	
			For Steep Roof, Over 7 To 12, Add	210.05	
07 32 16 00-0006			Accessories (07 32 16)		
07 32 16 00-0007	EA		Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	4.13	
07 32 16 00-0008	EA		Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.72	
07 32 16 00-0009	EA		Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	4.10	
07 32 16 00-0010	EA		Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.70	
07 32 16 00-0011	EA		3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	4.89	
07 34			Roofing Underlayment (07 30)		
07 34 00 00-0001			Mechanically Fastened, Roofing Underlayment (07 34) Note: Standard slope.		
07 34 00 00-0002	SQ		15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	31.97	7.17
			For Steep Roof, Over 7 To 12, Add	4.60	
			For >50 To 75, Deduct	-0.70	
			For >75 To 100, Deduct	-1.59	
			For >100 To 200, Deduct	-2.66	
			For >200, Deduct	-3.90	
07 34 00 00-0003	SQ		30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	49.17	9.87
			For Steep Roof, Over 7 To 12, Add	6.32	
			For >50 To 75, Deduct	-1.18	
			For >75 To 100, Deduct	-2.55	
			For >100 To 200, Deduct	-4.22	
			For >200, Deduct	-6.09	
07 34 00 00-0004	SQ		30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	54.71	9.87
			For Steep Roof, Over 7 To 12, Add	6.32	
			For >50 To 75, Deduct	-1.40	
			For >75 To 100, Deduct	-2.94	
			For >100 To 200, Deduct	-4.83	
			For >200, Deduct	-6.87	
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt).....	61.34	14.96
			For Steep Roof, Over 7 To 12, Add	9.57	
			For >50 To 75, Deduct	-1.26	
			For >75 To 100, Deduct	-2.95	
			For >100 To 200, Deduct	-4.95	
			For >200, Deduct	-7.39	
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	67.90	14.96
			For Steep Roof, Over 7 To 12, Add	9.57	
			For >50 To 75, Deduct	-1.52	
			For >75 To 100, Deduct	-3.41	
			For >100 To 200, Deduct	-5.67	
			For >200, Deduct	-8.31	
07 34 00 00-0007	SQ		25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	78.71	14.96
			For Steep Roof, Over 7 To 12, Add	9.57	
			For >50 To 75, Deduct	-1.95	
			For >75 To 100, Deduct	-4.16	
			For >100 To 200, Deduct	-6.86	
			For >200, Deduct	-9.82	
07 34 00 00-0008	SQ		30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	73.31	14.96
			For Steep Roof, Over 7 To 12, Add	9.57	
			For >50 To 75, Deduct	-1.74	
			For >75 To 100, Deduct	-3.79	
			For >100 To 200, Deduct	-6.27	
			For >200, Deduct	-9.07	



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Roofing Underlayment			07 34

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0009			Self-Adhering, Roofing Underlayment (07 34) Note: Standard slope.		
07 34 00 00-0010	SQ		48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat).....	126.02	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-3.59	
			For >75 To 100, Deduct	-7.19	
			For >100 To 200, Deduct	-11.69	
			For >200, Deduct	-16.19	
07 34 00 00-0011	SQ		60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	188.71	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-6.10	
			For >75 To 100, Deduct	-11.58	
			For >100 To 200, Deduct	-18.58	
			For >200, Deduct	-24.97	
07 34 00 00-0012	SQ		53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G).....	133.77	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-3.90	
			For >75 To 100, Deduct	-7.73	
			For >100 To 200, Deduct	-12.54	
			For >200, Deduct	-17.28	
07 34 00 00-0013	SQ		65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal).....	126.02	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-3.59	
			For >75 To 100, Deduct	-7.19	
			For >100 To 200, Deduct	-11.69	
			For >200, Deduct	-16.19	
07 34 00 00-0014	SQ		45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30).....	179.67	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-5.74	
			For >75 To 100, Deduct	-10.95	
			For >100 To 200, Deduct	-17.59	
			For >200, Deduct	-23.70	
07 34 00 00-0015	SQ		25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	151.34	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-4.60	
			For >75 To 100, Deduct	-8.96	
			For >100 To 200, Deduct	-14.47	
			For >200, Deduct	-19.74	
07 34 00 00-0016	SQ		40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®).....	224.34	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-7.52	
			For >75 To 100, Deduct	-14.07	
			For >100 To 200, Deduct	-22.50	
			For >200, Deduct	-29.96	
07 34 00 00-0017	SQ		40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	256.32	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-8.80	
			For >75 To 100, Deduct	-16.31	
			For >100 To 200, Deduct	-26.02	
			For >200, Deduct	-34.43	
07 34 00 00-0018	SQ		30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	376.29	18.14
			For Steep Roof, Over 7 To 12, Add	11.60	
			For >50 To 75, Deduct	-13.60	
			For >75 To 100, Deduct	-24.71	
			For >100 To 200, Deduct	-39.22	
			For >200, Deduct	-51.23	

07 40 Roofing and Siding Panels (07)

07 41 Roof Panels (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels (07 41)

07 41 13 00-0001 Exposed Fastener Metal Roofing (07 41 13)

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0004 SF 18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	7.78 0.85 1.15	2.23
07 41 13 00-0005 SF 20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	7.04 0.85 1.15	2.23
07 41 13 00-0006 SF 22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	6.52 0.85 1.15	2.23
07 41 13 00-0007 SF 24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	6.01 0.85 1.15	2.23
07 41 13 00-0008 SF 26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	4.23 0.85 0.71	0.81
07 41 13 00-0009 SF 29 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	5.22 0.85 1.15	2.23
07 41 13 00-0010 SF 30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	5.07 0.85 1.15	2.23
07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002) See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012 LF Ridge Flashing For Galvanized Steel Exposed Fastener Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	26.32 4.55 1.21	3.58
07 41 13 00-0013 LF Eave Flashing For Galvanized Steel Exposed Fastener Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	21.39 4.55 0.72	3.58
07 41 13 00-0014 LF Valley Flashing For Galvanized Steel Exposed Fastener Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	31.07 4.55 1.69	3.58
07 41 13 00-0015 LF Hip Flashing For Galvanized Steel Exposed Fastener Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	26.75 4.55 1.25	3.58
07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)		
07 41 13 00-0018 SF 0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	4.39 0.85 1.15	2.23
07 41 13 00-0019 SF 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	4.52 0.85 1.15	2.23
07 41 13 00-0020 SF 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	4.83 0.85 1.15	2.23
07 41 13 00-0021 SF 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	5.25 0.85 1.15	2.23
07 41 13 00-0022 SF 0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	5.67 0.85 1.15	2.23
07 41 13 00-0023 SF 0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	6.19 0.85 1.15	2.23
07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)		
07 41 13 00-0025 LF Ridge Flashing For Aluminum Exposed Fastener Metal Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	23.95 2.86 1.50	3.58
07 41 13 00-0026 LF Eave Flashing For Aluminum Exposed Fastener Metal Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	17.79 2.86 0.89	3.58
07 41 13 00-0027 LF Valley Flashing For Aluminum Exposed Fastener Metal Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	29.89 2.86 2.10	3.58
07 41 13 00-0028 LF Hip Flashing For Aluminum Exposed Fastener Metal Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	24.49 2.86 1.56	3.58

**Thermal And Moisture Protection****07**

Roofing and Siding Panels

07 40

Roof Panels

07 41**07**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0029		Standing Seam Roofs (07 41 13) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030		Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0031		Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0030)		
07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	10.25 1.42 1.39 0.58 2.56 1.54 0.26	2.36
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	10.77 1.42 1.42 0.59 2.69 1.62 0.27	2.36
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	9.79 1.42 1.37 0.58 2.45 1.47 0.24	2.36
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	9.98 1.42 1.38 0.58 2.50 1.50 0.25	2.36
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	10.18 1.42 1.39 0.58 2.55 1.53 0.25	2.36
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	10.93 1.42 1.42 0.60 2.73 1.64 0.27	2.36
07 41 13 00-0038		Accessories For Galvanized Steel Standing Seam Roofing (07 41 13 00-0030)		
07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	27.53 4.27 1.69	5.69
07 41 13 00-0040	LF	Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	22.11 4.27 1.58	5.69
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	32.75 4.27 1.79	5.69
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	28.00 4.27 1.70	5.69
07 41 13 00-0043		Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044		Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0043)		
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	10.62 1.42 0.59 2.66 1.41 0.59 0.27	2.36

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	11.06 1.42 0.60 2.77 1.43 0.60 0.28	2.36
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	10.36 1.42 0.59 2.59 1.39 0.59 0.26	2.36
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	11.18 1.42 0.60 2.80 1.44 0.60 0.28	2.36
07 41 13 00-0049		Accessories For Aluminum Standing Seam Roofing (07 41 13 00-0043)		
07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	30.73 4.27 1.75	5.69
07 41 13 00-0051	LF	Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	23.96 4.27 1.62	5.69
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	37.26 4.27 1.88	5.69
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	31.33 4.27 1.76	5.69
07 41 13 00-0054		Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
07 41 13 00-0055		Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Up To 5000, Add For > 5000 To 10000, Add For Panels < 16" Wide, Add	19.78 2.13 0.96 4.95 1.98 0.49 2.30	2.84
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Up To 5000, Add For > 5000 To 10000, Add For Panels < 16" Wide, Add	22.48 2.13 1.02 5.62 2.25 0.56 2.44	2.84
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Up To 5000, Add For > 5000 To 10000, Add For Panels < 16" Wide, Add	25.68 2.13 1.08 6.42 2.57 0.64 2.60	2.84
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Up To 5000, Add For > 5000 To 10000, Add For Panels < 16" Wide, Add	29.78 2.13 1.16 7.45 2.98 0.74 2.80	2.84
07 41 13 00-0060		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	65.54 4.80 2.59	5.69
07 41 13 00-0062	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	41.55 4.80 2.11	5.69
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	88.22 4.80 3.05	5.69
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	67.33 4.80 2.63	5.69

**Thermal And Moisture Protection****07**

Roofing and Siding Panels

07 40

Roof Panels

07 41**07**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0065 Metal Roof Surfacing (07 41 13)		
07 41 13 00-0066 SF Acrylic, Metal Roof Primer, One Coat	0.36	
For Steep Roof, Over 7 To 12, Add	0.06	
07 41 13 00-0067 SF Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat	0.52	
Note: 55% solids by volume. For Steep Roof, Over 7 To 12, Add	0.06	
07 41 33 Plastic Roof Panels (07 41)		
07 41 33 00-0001 Polyvinyl Chloride (PVC) Roofing Panels (07 41 33)		
07 41 33 00-0002 Polyvinyl Chloride (PVC) Roofing Panels (07 41 33 00-0001)		
07 41 33 00-0003 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	5.50	1.99
07 41 33 00-0004 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	5.22	1.80
07 41 33 00-0005 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	5.67	1.99
07 41 33 00-0006 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	5.36	1.80
07 41 33 00-0007 Polyvinyl Chloride (PVC) Roofing Accessories (07 41 33 00-0001)		
07 41 33 00-0008 LF 1" "J" Channel, Starter Strip Trim	3.46	1.50
07 41 33 00-0009 LF 3-1/2" "J" Channel, Starter Strip Trim	4.73	1.50
07 41 33 00-0010 LF Outside Corner Post, 7/8" Pocket	5.10	1.50
07 41 33 00-0011 LF Inside Corner Post, 7/8" Pocket	4.11	1.50
07 41 33 00-0012 Fiberglass Roofing Panel (07 41 33)		
07 41 33 00-0013 Corrugated Panels (07 41 33 00-0012)		
07 41 33 00-0014 SF 8 Ounce Corrugated Fiberglass Panel	5.51	1.60
07 41 33 00-0015 SF 12 Ounce Corrugated Fiberglass Panel	6.26	1.60
07 42 Wall Panels (07 40)		
07 42 13 Metal Wall Panels (07 42)		
07 42 13 19 Insulated Metal Wall Panels (07 42 13)		
07 42 13 19-0001 Insulated Panels For Sash/Window Replacement (07 42 13 19)		
Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002 SF 1" Insulated Panel For Sash Or Window Replacement	19.06	3.72
For Non-Insulated Panels, Deduct	-2.89	
07 42 13 19-0003 SF 1-1/4" Insulated Panel For Sash Or Window Replacement	20.65	4.18
For Non-Insulated Panels, Deduct	-3.09	
07 42 13 19-0004 SF 1-3/4" Insulated Panel For Sash Or Window Replacement	22.09	4.65
For Non-Insulated Panels, Deduct	-3.29	
07 42 13 19-0005 SF 2-1/4" Insulated Panel For Sash Or Window Replacement	23.64	4.83
For Non-Insulated Panels, Deduct	-3.49	
07 42 13 19-0006 SF 3-1/4" Insulated Panel For Sash Or Window Replacement	26.77	5.29
For Non-Insulated Panels, Deduct	-4.06	
07 42 13 19-0007 SF 4-1/4" Insulated Panel For Sash Or Window Replacement	31.07	5.85
For Non-Insulated Panels, Deduct	-4.87	
07 42 63 Fabricated Wall Panel Assemblies (07 42)		
07 42 63 00-0001 Insulated Freezer And Chiller Panels (07 42 63)		
Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002 Polyurethane Sandwich Panel (07 42 63 00-0001)		
Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003 SF 2" 22 Gauge Freezer Panel Sheet Metal Both Faces	16.93	1.58
07 42 63 00-0004 SF 3" 22 Gauge Freezer Panel Sheet Metal Both Faces	17.92	1.58
07 42 63 00-0005 SF 4" 22 Gauge Freezer Panel Sheet Metal Both Faces	21.28	1.58
07 42 63 00-0006 SF 5" 22 Gauge Freezer Panel Sheet Metal Both Faces	23.03	1.69
07 42 63 00-0007 SF 6" 22 Gauge Freezer Panel Sheet Metal Both Faces	24.45	1.69
07 42 63 00-0008 SF 2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	15.16	1.31
07 42 63 00-0009 SF 3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	16.47	1.31
07 42 63 00-0010 SF 4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	19.82	1.40
07 42 63 00-0011 SF 5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	19.25	1.40
07 42 63 00-0012 SF 6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	22.62	1.40
07 42 63 00-0013 Polyurethane Sandwich Panel (07 42 63 00-0001)		
Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014 SF 2" Freezer Panel 0.040" Aluminum Finish Both Faces	10.32	1.58
07 42 63 00-0015 SF 3" Freezer Panel 0.040" Aluminum Finish Both Faces	10.97	1.58
07 42 63 00-0016 SF 4" Freezer Panel 0.040" Aluminum Finish Both Faces	12.68	1.58
07 42 63 00-0017 SF 5" Freezer Panel 0.040" Aluminum Finish Both Faces	13.76	1.69
07 42 63 00-0018 SF 6" Freezer Panel 0.040" Aluminum Finish Both Faces	14.53	1.69

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 42 Wall Panels**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel).....	9.21	1.31
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel).....	9.86	1.31
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel).....	10.57	1.40
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel).....	12.29	1.40
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel).....	13.35	1.40
07 42 63 00-0024 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels (07 42 63)				
Note: G-90 galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.				
07 42 63 00-0025	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	15.98	2.06
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		For Premium Exterior Colors, Add	0.12	
07 42 63 00-0026	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	17.98	2.32
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		For Premium Exterior Colors, Add	0.12	
07 42 63 00-0027	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	19.69	2.64
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		For Premium Exterior Colors, Add	0.12	
07 42 63 00-0028	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	22.06	3.49
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		For Premium Exterior Colors, Add	0.12	
07 42 93 Soffit Panels (07 42)				
07 42 93 00-0001 Aluminum Soffit And Fascia (07 42 93)				
Note: Excludes J-channel.				
07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	3.57	1.30
		For 0.015" Thick, Deduct	-0.07	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	4.34	1.37
		For 0.015" Thick, Deduct	-0.10	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	4.73	1.41
		For 0.015" Thick, Deduct	-0.14	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	5.85	1.48
		For 0.015" Thick, Deduct	-0.21	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	7.10	1.62
		For 0.015" Thick, Deduct	-0.28	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	9.34	1.79
		For 0.015" Thick, Deduct	-0.42	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	11.62	1.97
		For 0.015" Thick, Deduct	-0.56	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	13.94	2.16
		For 0.015" Thick, Deduct	-0.70	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia.....	4.12	1.27
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia.....	4.48	1.30
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia.....	5.20	1.33
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia.....	5.97	1.37
07 46 Siding (07 46)				
07 46 16 Aluminum Siding (07 46)				
Note: Includes all necessary furring strips, trim for corners, windows and doors.				
07 46 16 00-0001 Aluminum Coil Stock Cladding (07 46 16)				
Note: Per SF of board, includes overlap page.				
07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding.....	8.63	3.02
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding.....	8.73	3.02
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding.....	8.90	3.02
07 46 16 00-0005 Aluminum Siding Panels (07 46 16)				
07 46 16 00-0006 Corrugated Aluminum Siding Panels (07 46 16 00-0005)				
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.				
07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel.....	6.05	1.79
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel.....	6.28	1.79
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel.....	7.02	1.79
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel.....	8.45	1.79
07 46 16 00-0011 V- Beam Aluminum Siding Panels (07 46 16 00-0005)				
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.				
07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel.....	8.39	1.79
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel.....	9.35	1.79
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel.....	11.63	1.79

**Thermal And Moisture Protection 07****Roofing and Siding Panels 07 40****Siding 07 46****10**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0015 Box Ribbed Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016 SF 0.032", Painted Finish, Box Ribbed Aluminum Siding Panel.....	8.81	1.79
07 46 16 00-0017 SF 0.040", Painted Finish, Box Ribbed Aluminum Siding Panel.....	9.74	1.79
07 46 16 00-0018 SF 0.050", Painted Finish, Box Ribbed Aluminum Siding Panel.....	10.31	1.79
07 46 16 00-0019 Aluminum Siding Accessories (07 46 16) 07 46 16 00-0020 LF 3/8" Pocket, Aluminum J-Channel.....	2.81	1.21
07 46 16 00-0021 LF 1/2" Pocket, Aluminum J-Channel.....	2.81	1.21
07 46 16 00-0022 LF 3/4" Pocket, Aluminum J-Channel.....	3.25	1.21
07 46 16 00-0023 LF 3/8" Pocket, Aluminum F-Channel.....	2.96	1.21
07 46 16 00-0024 LF 1/2" Pocket, Aluminum F-Channel.....	2.96	1.21
07 46 19 Steel Siding (07 46) Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001 Steel Siding Panels (07 46 19) 07 46 19 00-0002 Corrugated Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003 SF 20 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.27	1.79
For Galvanized Instead Of Painted Steel, Add	1.17	
07 46 19 00-0004 SF 22 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	7.65	1.79
For Galvanized Instead Of Painted Steel, Add	1.02	
07 46 19 00-0005 SF 24 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	7.49	1.79
For Galvanized Instead Of Painted Steel, Add	0.98	
07 46 19 00-0006 SF 26 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	5.65	1.79
For Galvanized Instead Of Painted Steel, Add	0.52	
07 46 19 00-0007 SF 28 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	5.51	1.79
For Galvanized Instead Of Painted Steel, Add	0.48	
07 46 19 00-0008 SF 30 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	5.43	1.79
For Galvanized Instead Of Painted Steel, Add	0.46	
07 46 19 00-0009 Box Ribbed Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010 SF 20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	7.80	1.79
For Galvanized Instead Of Painted Steel, Add	1.06	
07 46 19 00-0011 SF 22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	7.52	1.79
For Galvanized Instead Of Painted Steel, Add	0.99	
07 46 19 00-0012 SF 24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	7.34	1.79
For Galvanized Instead Of Painted Steel, Add	0.94	
07 46 19 00-0013 SF 26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	7.02	1.79
For Galvanized Instead Of Painted Steel, Add	0.86	
07 46 19 00-0014 SF 28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	6.35	1.79
For Galvanized Instead Of Painted Steel, Add	0.69	
07 46 19 00-0015 Clapboard Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016 SF 29 Gauge, Painted Finish, Clapboard Steel Siding Panel.....	6.15	0.89
07 46 23 Wood Siding (07 46) Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001 Wood Lap Siding (07 46 23) 07 46 23 00-0002 LF 8" Wide Rough Sawn Cedar Lap Siding.....	3.38	1.34
07 46 23 00-0003 LF 10" Wide Rough Sawn Cedar Lap Siding.....	3.76	1.43
07 46 23 00-0004 LF 12" Wide Rough Sawn Cedar Lap Siding.....	4.15	1.52
07 46 23 00-0005 LF 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade.....	3.59	1.34
07 46 23 00-0006 LF 6" To 8" Wide Spruce Lap Siding, #2 Or Better.....	3.94	1.34
07 46 23 00-0007 LF 6" To 8" Wide Western Red Cedar, B Grade Lap Siding.....	4.71	1.34
07 46 23 00-0008 LF 6" To 8" Wide Western Red Cedar, A Grade Lap Siding.....	5.01	1.34
07 46 23 00-0009 LF 6" To 8" Wide Clear Heart Redwood Lap Siding.....	4.58	1.34
07 46 23 00-0010 LF 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin.....	4.77	1.43
07 46 23 00-0011 LF 1" x 8" Cedar Beveled Siding, Channel, Rustic.....	4.77	1.43
07 46 23 00-0012 Tongue And Groove Siding (07 46 23) 07 46 23 00-0013 SF 1" x 6" Tongue And Groove Southern Yellow Pine Siding.....	3.37	1.34
07 46 23 00-0014 SF 1" x 8" Tongue And Groove Southern Yellow Pine Siding.....	3.69	1.34
07 46 23 00-0015 SF 1" x 6" 105 Southern Yellow Pine Siding.....	3.45	1.34
07 46 23 00-0016 SF 1" x 8" 105 Southern Yellow Pine Siding.....	3.88	1.34
07 46 29 Plywood Siding (07 46) Note: Includes all necessary furring strips, trim for corners, windows and doors.		

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 29 00-0001		T-111 Siding (07 46 29)		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud For Pressure Treated, Add	4.33 0.18	0.65
07 46 33		Plastic Siding (07 46)		
		Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		Vinyl Siding (07 46 33)		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		Vinyl Siding Panels (07 46 33 00-0001)		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		Horizontal Vinyl Siding Panels (07 46 33 00-0002)		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel For 0.040" Thick, Deduct For 0.042" Thick, Deduct For 0.046" Thick, Add For Manufacturer's Custom Colors, Add	4.25 -0.14 0.01 0.32 0.05	1.59
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel For 0.040" Thick, Deduct For 0.042" Thick, Deduct For 0.046" Thick, Add For Manufacturer's Custom Colors, Add	4.07 -0.14 0.01 0.32 0.05	1.50
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel For 0.040" Thick, Deduct For 0.042" Thick, Deduct For 0.046" Thick, Add For Manufacturer's Custom Colors, Add	3.92 -0.14 0.01 0.32 0.05	1.43
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel For 0.040" Thick, Deduct For 0.042" Thick, Deduct For 0.046" Thick, Add For Manufacturer's Custom Colors, Add	3.79 -0.14 0.01 0.32 0.05	1.36
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel For 0.040" Thick, Deduct For 0.042" Thick, Deduct For 0.046" Thick, Add For Manufacturer's Custom Colors, Add	3.60 -0.14 0.01 0.32 0.05	1.26
07 46 33 00-0009		Vertical Vinyl Siding Panels (07 46 33 00-0002)		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel For Manufacturer's Custom Colors, Add	5.09 0.10	1.59
07 46 33 00-0011		Vinyl Siding Accessories (07 46 33 00-0001)		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding For Manufacturer's Custom Colors, Add	5.18 0.14	1.21
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding For Manufacturer's Custom Colors, Add	9.35 0.35	1.21
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding For Manufacturer's Custom Colors, Add	4.13 0.08	1.21
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding For Manufacturer's Custom Colors, Add	5.01 0.13	1.21
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	3.09 0.04	1.21
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	2.88 0.03	1.21
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	2.84 0.03	1.21
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	2.98 0.04	1.21
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	3.52 0.05	1.21
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	3.82 0.07	1.21
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	4.28 0.06	1.21
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding For Manufacturer's Custom Colors, Add	2.91 0.05	1.21
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding For Manufacturer's Custom Colors, Add	6.59 0.16	1.68
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding For Manufacturer's Custom Colors, Add	6.88 0.18	1.68
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding For Manufacturer's Custom Colors, Add	7.53 0.21	1.68
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding For Manufacturer's Custom Colors, Add	3.96 0.08	1.21
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding For Manufacturer's Custom Colors, Add	4.88 0.12	1.21
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding For Manufacturer's Custom Colors, Add	4.21 0.09	1.21



Thermal And Moisture Protection			07
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Siding			07 46

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0030			Vinyl Soffit And Fascia (07 46 33 00-0001) Note: Excludes J-channel.		
07 46 33 00-0031	LF		6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.59	1.30
			For 0.038" Thick, Deduct	-0.45	
			For 0.040" Thick, Deduct	-0.36	
			For Manufacturer's Custom Colors, Add	0.05	
07 46 33 00-0032	LF		10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.38	1.37
			For 0.038" Thick, Deduct	-0.75	
			For 0.040" Thick, Deduct	-0.63	
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0033	LF		1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.78	1.41
			For 0.038" Thick, Deduct	-0.89	
			For 0.040" Thick, Deduct	-0.74	
			For Manufacturer's Custom Colors, Add	0.10	
07 46 33 00-0034	LF		1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.92	1.48
			For 0.038" Thick, Deduct	-1.34	
			For 0.040" Thick, Deduct	-1.12	
			For Manufacturer's Custom Colors, Add	0.15	
07 46 33 00-0035	LF		2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.19	1.62
			For 0.038" Thick, Deduct	-1.81	
			For 0.040" Thick, Deduct	-1.50	
			For Manufacturer's Custom Colors, Add	0.20	
07 46 33 00-0036	LF		3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	9.48	1.79
			For 0.038" Thick, Deduct	-2.70	
			For 0.040" Thick, Deduct	-2.26	
			For Manufacturer's Custom Colors, Add	0.30	
07 46 33 00-0037	LF		4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	11.80	1.97
			For 0.038" Thick, Deduct	-3.62	
			For 0.040" Thick, Deduct	-3.02	
			For Manufacturer's Custom Colors, Add	0.39	
07 46 33 00-0038	LF		5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	14.17	2.16
			For 0.038" Thick, Deduct	-4.51	
			For 0.040" Thick, Deduct	-3.78	
			For Manufacturer's Custom Colors, Add	0.49	
07 46 33 00-0039	LF		4" Exposure, Vinyl Fascia	3.74	1.27
			For Manufacturer's Custom Colors, Add	0.06	
07 46 33 00-0040	LF		6" Exposure, Vinyl Fascia	4.14	1.30
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0041	LF		8" Exposure, Vinyl Fascia	4.10	1.33
			For Manufacturer's Custom Colors, Add	0.07	
07 46 33 00-0042	LF		10" Exposure, Vinyl Fascia	4.67	1.37
			For Manufacturer's Custom Colors, Add	0.10	
07 46 33 00-0043			Fiberglass Siding (07 46 33)		
07 46 33 00-0044			Corrugated Panels (07 46 33 00-0043)		
07 46 33 00-0045	SF		6 Ounce Corrugated Fiberglass Panels	5.36	1.88
07 46 33 00-0046	SF		8 Ounce Corrugated Fiberglass Panels	5.68	1.68
07 46 33 00-0047	SF		12 Ounce Corrugated Fiberglass Panels	6.25	1.68
07 46 33 00-0048			Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049	SF		6 Ounce Flat Fiberglass Panels	5.16	1.68
07 46 33 00-0050	SF		8 Ounce Flat Fiberglass Panels	5.68	1.68
07 46 46			Fiber-Cement Siding (07 46)		
			Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001			5/16" Thick, Fiber Cement Lap Siding (07 46 46)		
07 46 46 00-0002	SF		5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.19	1.97
07 46 46 00-0003	SF		6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.94	1.88
07 46 46 00-0004	SF		7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.83	1.82
07 46 46 00-0005	SF		8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.72	1.78
07 46 46 00-0006	SF		9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.50	1.68
07 46 46 00-0007	SF		12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.28	1.59
07 46 46 00-0008	LF		Starter Strip, Fiber Cement Lap Siding	1.14	0.47
07 46 46 00-0009			Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010	SF		Fiber Cement Shingle Siding	7.31	1.73
07 46 46 00-0011			Fiber Cement Vertical Panel Siding (07 46 46)		
07 46 46 00-0012	SF		Fiber Cement Vertical Panel Siding	3.80	1.41
07 46 46 00-0013			Fiber Cement Trim Boards (07 46 46)		
07 46 46 00-0014			7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)		

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0015 LF 4" Wide, 7/16" Thick, Fiber Cement Trim Board.....	2.49	0.94
07 46 46 00-0016 LF 6" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.08	1.03
07 46 46 00-0017 LF 8" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.65	1.12
07 46 46 00-0018 LF 12" Wide, 7/16" Thick, Fiber Cement Trim Board.....	4.71	1.31
07 46 46 00-0019 3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0020 LF 4" Wide, 3/4" Thick, Fiber Cement Trim Board.....	2.59	0.94
07 46 46 00-0021 LF 6" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.23	1.03
07 46 46 00-0022 LF 8" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.91	1.12
07 46 46 00-0023 LF 12" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.15	1.31
07 46 46 00-0024 1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0025 LF 4" Wide, 1" Thick, Fiber Cement Trim Board.....	2.72	0.94
07 46 46 00-0026 LF 6" Wide, 1" Thick, Fiber Cement Trim Board.....	3.46	1.03
07 46 46 00-0027 LF 8" Wide, 1" Thick, Fiber Cement Trim Board.....	4.24	1.12
07 46 46 00-0028 LF 12" Wide, 1" Thick, Fiber Cement Trim Board.....	5.55	1.31
07 46 46 00-0029 Fiber Cement Fascia Board (07 46 46)		
07 46 46 00-0030 LF 5/4" x 3-1/2" Fiber Cement Fascia Board.....	6.58	1.85
07 46 46 00-0031 LF 5/4" x 5-1/2" Fiber Cement Fascia Board.....	8.67	2.07
07 46 46 00-0032 LF 5/4" x 7-1/4" Fiber Cement Fascia Board.....	10.10	2.07
07 46 46 00-0033 LF 5/4" x 11-1/4" Fiber Cement Fascia Board.....	13.95	2.42
07 46 46 00-0034 Fiber Cement Soffit Boards (07 46 46)		
07 46 46 00-0035 SF 1/4" Thick, Non Vented Fiber Cement Soffit.....	5.24	1.33
07 46 46 00-0036 SF 1/4" Thick, Vented Fiber Cement Soffit.....	5.57	1.33
07 46 63 Fabricated Panel Assemblies with Siding (07 46)		
07 46 63 00-0001 Metal Liner Panels (07 46 63)		
07 46 63 00-0002 Galvanized Metal Liner Panels (07 46 63 00-0001)		
07 46 63 00-0003 SF 24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	8.52	1.46
07 46 63 00-0004 SF 22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	9.42	1.46
07 46 63 00-0005 SF 20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	11.01	1.46
07 46 63 00-0006 SF 18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	11.17	1.46
07 50 Membrane Roofing (07)		
See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.		
07 51 Built-Up Bituminous Roofing (07 50)		
07 51 13 Built-Up Asphalt Roofing (07 51)		
07 51 13 00-0001 Built-Up Asphalt Roofing Components (07 51 13)		
07 51 13 00-0002 Built-Up Asphalt Membrane Roofing (07 51 13 00-0001)		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.		
07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes applying cold adhesive and embedding the membrane.		
07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003)		
07 51 13 00-0005 SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied.....	94.35	
For Up To 10, Add	25.40	
For >10 To 20, Add	14.33	
For >20 To 40, Add	7.98	
For >75 To 100, Deduct	-3.99	
For >100 To 200, Deduct	-8.80	
For >200, Deduct	-12.79	
07 51 13 00-0006 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	255.20	
For Up To 10, Add	57.57	
For >10 To 20, Add	30.41	
For >20 To 40, Add	16.02	
For >75 To 100, Deduct	-8.01	
For >100 To 200, Deduct	-16.84	
For >200, Deduct	-24.85	
07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)		
07 51 13 00-0008 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	6.22	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0009			Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002) Note: Includes mopping hot asphalt and embedding the membrane.		
07 51 13 00-0010			Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0009)		
07 51 13 00-0011	SQ		Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	70.45	
			For Up To 10, Add	20.74	
			For >10 To 20, Add	12.03	
			For >20 To 40, Add	6.85	
			For >75 To 100, Deduct	-3.42	
			For >100 To 200, Deduct	-7.68	
			For >200, Deduct	-11.10	
07 51 13 00-0012	SQ		Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	75.04	
			For Up To 10, Add	21.65	
			For >10 To 20, Add	12.49	
			For >20 To 40, Add	7.08	
			For >75 To 100, Deduct	-3.54	
			For >100 To 200, Deduct	-7.91	
			For >200, Deduct	-11.44	
07 51 13 00-0013	SQ		Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	80.25	
			For Up To 10, Add	22.70	
			For >10 To 20, Add	13.01	
			For >20 To 40, Add	7.34	
			For >75 To 100, Deduct	-3.67	
			For >100 To 200, Deduct	-8.17	
			For >200, Deduct	-11.83	
07 51 13 00-0014	SQ		Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....	138.05	
			For Up To 10, Add	34.26	
			For >10 To 20, Add	18.79	
			For >20 To 40, Add	10.23	
			For >75 To 100, Deduct	-5.11	
			For >100 To 200, Deduct	-11.06	
			For >200, Deduct	-16.17	
07 51 13 00-0015	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped.....	231.31	
			For Up To 10, Add	52.91	
			For >10 To 20, Add	28.12	
			For >20 To 40, Add	14.89	
			For >75 To 100, Deduct	-7.44	
			For >100 To 200, Deduct	-15.72	
			For >200, Deduct	-23.16	
07 51 13 00-0016	SQ		Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	176.47	
			For Up To 10, Add	42.57	
			For >10 To 20, Add	23.10	
			For >20 To 40, Add	12.46	
			For >75 To 100, Deduct	-6.23	
			For >100 To 200, Deduct	-13.37	
			For >200, Deduct	-19.60	
07 51 13 00-0017			Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009)		
07 51 13 00-0018	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped.....	4.04	
07 51 13 00-0019			Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002) Note: Includes fasteners.		
07 51 13 00-0020			Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)		
07 51 13 00-0021	SQ		Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	72.19	
			For Up To 10, Add	17.70	
			For >10 To 20, Add	9.66	
			For >20 To 40, Add	5.24	
			For >75 To 100, Deduct	-2.62	
			For >100 To 200, Deduct	-5.65	
			For >200, Deduct	-8.27	
07 51 13 00-0022	SQ		Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	135.20	
			For Up To 10, Add	30.30	
			For >10 To 20, Add	15.97	
			For >20 To 40, Add	8.39	
			For >75 To 100, Deduct	-4.20	
			For >100 To 200, Deduct	-8.80	
			For >200, Deduct	-12.99	
07 51 13 00-0023	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	228.46	
			For Up To 10, Add	48.95	
			For >10 To 20, Add	25.29	
			For >20 To 40, Add	13.05	
			For >75 To 100, Deduct	-6.53	
			For >100 To 200, Deduct	-13.46	
			For >200, Deduct	-19.99	
07 51 13 00-0024			Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)		
07 51 13 00-0025	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened.....	4.84	
07 51 13 00-0026			Asphalt Saturated Organic Felt (07 51 13 00-0001)		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0027		Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)			
		Note: Includes applying cold adhesive and embedding the felt.			
07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied		91.48	
		For Up To 10, Add	24.82		
		For >10 To 20, Add	14.04		
		For >20 To 40, Add	7.84		
		For >75 To 100, Deduct	-3.92		
		For >100 To 200, Deduct	-8.65		
		For >200, Deduct	-12.57		
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	103.31		
		For Up To 10, Add	27.19		
		For >10 To 20, Add	15.23		
		For >20 To 40, Add	8.43		
		For >75 To 100, Deduct	-4.21		
		For >100 To 200, Deduct	-9.24		
		For >200, Deduct	-13.46		
07 51 13 00-0030		Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)			
		Note: Includes mopping hot asphalt and embedding the felt.			
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	67.58		
		For Up To 10, Add	20.16		
		For >10 To 20, Add	11.74		
		For >20 To 40, Add	6.70		
		For >75 To 100, Deduct	-3.35		
		For >100 To 200, Deduct	-7.53		
		For >200, Deduct	-10.88		
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	79.41		
		For Up To 10, Add	22.53		
		For >10 To 20, Add	12.93		
		For >20 To 40, Add	7.29		
		For >75 To 100, Deduct	-3.65		
		For >100 To 200, Deduct	-8.12		
		For >200, Deduct	-11.77		
07 51 13 00-0033		Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)			
		Note: Includes fasteners.			
07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	33.91		
		For Up To 10, Add	10.04		
		For >10 To 20, Add	5.84		
		For >20 To 40, Add	3.33		
		For >75 To 100, Deduct	-1.66		
		For >100 To 200, Deduct	-3.73		
		For >200, Deduct	-5.40		
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	45.73		
		For Up To 10, Add	12.41		
		For >10 To 20, Add	7.02		
		For >20 To 40, Add	3.92		
		For >75 To 100, Deduct	-1.96		
		For >100 To 200, Deduct	-4.32		
		For >200, Deduct	-6.28		
07 51 13 00-0036		Surfacing (07 51 13 00-0001)			
07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	148.57		
		For Up To 10, Add	46.03		
		For >10 To 20, Add	27.09		
		For >20 To 40, Add	15.59		
		For >75 To 100, Deduct	-7.79		
		For >100 To 200, Deduct	-17.63		
		For >200, Deduct	-25.42		
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	218.17		
		For Up To 10, Add	59.95		
		For >10 To 20, Add	34.05		
		For >20 To 40, Add	19.07		
		For >75 To 100, Deduct	-9.53		
		For >100 To 200, Deduct	-21.11		
		For >200, Deduct	-30.64		
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness	145.63		
		Note: Excludes hot asphalt or cold adhesive.			
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid	36.60		
		Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.			
		For Up To 10, Add	9.47		
		For >10 To 20, Add	5.28		
		For >20 To 40, Add	2.91		
		For >75 To 100, Deduct	-1.45		
		For >100 To 200, Deduct	-3.18		
		For >200, Deduct	-4.63		



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0041	SQ		Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	105.16	
			For Up To 10, Add	24.95	
			For >10 To 20, Add	13.45	
			For >20 To 40, Add	7.22	
			For >75 To 100, Deduct	-3.61	
			For >100 To 200, Deduct	-7.71	
			For >200, Deduct	-11.31	
07 51 13 00-0042	SQ		Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	93.65	
			For Up To 10, Add	22.65	
			For >10 To 20, Add	12.30	
			For >20 To 40, Add	6.64	
			For >75 To 100, Deduct	-3.32	
			For >100 To 200, Deduct	-7.13	
			For >200, Deduct	-10.45	
07 51 13 00-0043	SQ		Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over smooth-surfaced built-up roofs.	125.06	
			For Up To 10, Add	28.93	
			For >10 To 20, Add	15.44	
			For >20 To 40, Add	8.21	
			For >75 To 100, Deduct	-4.11	
			For >100 To 200, Deduct	-8.70	
			For >200, Deduct	-12.81	
07 51 13 00-0044	SQ		100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	126.09	
			For Up To 10, Add	29.13	
			For >10 To 20, Add	15.55	
			For >20 To 40, Add	8.26	
			For >75 To 100, Deduct	-4.13	
			For >100 To 200, Deduct	-8.75	
			For >200, Deduct	-12.88	
			For Installation Over Granule Surfaced Asphalt Roof Systems, Add	37.11	
07 51 13 00-0045	SQ		100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	130.32	
			For Up To 10, Add	29.98	
			For >10 To 20, Add	15.97	
			For >20 To 40, Add	8.47	
			For >75 To 100, Deduct	-4.24	
			For >100 To 200, Deduct	-8.96	
			For >200, Deduct	-13.20	
			For Installation Over Granule Surfaced Asphalt Roof Systems, Add	38.50	
07 51 13 00-0046	SF		Ceramic Coated Roofing Granules, Hand Broadcast..... Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	2.13	
07 51 13 00-0047	SF		Energy Star, Ceramic Coated Roofing Granules, Hand Broadcast..... Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	4.82	
07 51 13 00-0048	SQ		Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™).....	31.35	
07 51 13 00-0049			Walkway Pads (07 51 13 00-0001) Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050	LF		5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	26.14	
07 51 13 00-0051	LF		1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	31.09	
07 51 13 00-0052			Cant And Tapered Edge Strips (07 51 13 00-0001)		
07 51 13 00-0053	LF		2" x 2" Perlite Cant Strip.....	3.75	
07 51 13 00-0054	LF		3" x 3" Perlite Cant Strip.....	3.87	
07 51 13 00-0055	LF		4" x 4" Perlite Cant Strip.....	4.41	
07 51 13 00-0056	LF		3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally.....	4.36	
07 51 13 00-0057	LF		4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally.....	4.61	
07 51 13 00-0058	LF		1/2" x 6" Perlite Tapered Edge Strip.....	4.20	
07 51 13 00-0059	LF		1/2" x 12" Perlite Tapered Edge Strip.....	4.82	
07 51 13 00-0060	LF		1" x 12" Perlite Tapered Edge Strip.....	4.99	
07 51 13 00-0061	LF		1" x 24" Perlite Tapered Edge Strip.....	5.63	
07 51 13 00-0062	LF		1-1/2" x 12" Perlite Tapered Edge Strip	5.57	
07 51 13 00-0063	LF		1-1/2" x 18" Perlite Tapered Edge Strip	6.74	
07 51 13 00-0064	LF		1-1/2" x 24" Perlite Tapered Edge Strip	7.59	
07 51 13 00-0065			Asphalt Primer (07 51 13 00-0001)		
07 51 13 00-0066	SQ		Asphalt Primer For Roofing Systems Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	29.47	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0067		Demolish Built-Up Roofing (07 51 13 00-0001) Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	342.65	
		For Up To 10, Add	84.92	
		For >10 To 25, Add	50.95	
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System	264.33	
		Note: Includes protective surfacing.		
		For Up To 10, Add	65.51	
		For >10 To 25, Add	39.30	
07 51 13 00-0070		Roofing System Warranty (07 51 13 00-0001) Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	404.56	
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	5.78	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	462.36	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	9.25	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	635.74	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	12.71	
07 51 13 00-0077		Built-Up Roofing Components (Garland) (07 51 13) Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078		Modified Cap Membranes (07 51 13 00-0077)		
07 51 13 00-0079		Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	465.97	
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	334.31	
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	413.12	
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS) Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	429.16	
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS) Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	596.22	
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS) Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	669.84	
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil	281.62	
		Note: Low strength cap sheet for hot or cold modified systems used with gravel.		
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	356.49	
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	219.30	
07 51 13 00-0089		Modified Cap Membranes, Self-Adhering (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil	422.09	
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
07 51 13 00-0091		Modified Cap Membranes, Torch-Applied (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	518.84	
		Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.		
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	564.14	
07 51 13 00-0094	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	594.34	
07 51 13 00-0095		Modified Cap Membranes, Coal Tar Pitch Systems (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0096	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	475.86	
07 51 13 00-0097	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	754.79	
07 51 13 00-0098	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	615.11	
07 51 13 00-0099		Base Ply (07 51 13 00-0077) Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0100	SQ		Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil.....	426.33	
07 51 13 00-0101	SQ		Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil.....	269.18	
07 51 13 00-0102	SQ		HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil..... Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	62.65	
07 51 13 00-0103	SQ		HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil..... Note: Inner ply felts for hot applied built up and modified BUR systems.	42.08	
07 51 13 00-0104	SQ		HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....	50.85	
07 51 13 00-0105	SQ		HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....	55.10	
07 51 13 00-0106	SQ		HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil..... Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.	83.69	
07 51 13 00-0107	SQ		Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....	270.10	
07 51 13 00-0108	SQ		HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil..... Note: Self adhering base ply for self adhering 2 ply system.	235.68	
07 51 13 00-0109	SQ		StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....	237.73	
07 51 13 00-0110	SQ		StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....	197.62	
07 51 13 00-0111	LF		Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric.....	4.53	
07 51 13 00-0112	LF		Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	11.50	
07 51 13 00-0113	SQ		Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	48.72	
07 51 13 00-0114	LF		Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	5.85	
07 51 13 00-0115	LF		Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	4.34	
07 51 13 00-0116	LF		Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	4.89	
07 51 13 00-0117	SQ		HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	104.37	
07 51 13 00-0118			Coatings And Mastics For Roof Installation, Restoration And Repairs (07 51 13 00-0077)		
07 51 13 00-0119	SQ		Water Based Roof Primer, GarlaPrime VOC Primer.....	33.01	
07 51 13 00-0120	SQ		Black-Knight® Primer.....	30.79	
07 51 13 00-0121	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply.....	116.30	
07 51 13 00-0122	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ).....	125.25	
07 51 13 00-0123	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ).....	199.21	
07 51 13 00-0124	SQ		Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply.....	312.23	
07 51 13 00-0125	SQ		Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat.....	324.16	
07 51 13 00-0126	SQ		Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	153.06	
07 51 13 00-0127	SQ		Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration.....	252.45	
07 51 13 00-0128	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	381.78	
07 51 13 00-0129	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....	633.76	
07 51 13 00-0130	SQ		Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply.....	267.36	
07 51 13 00-0131	SQ		Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat.....	279.29	
07 51 13 00-0132	SQ		Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only.....	579.78	
07 51 13 00-0133	SQ		Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only.....	254.16	
07 51 13 00-0134	SQ		HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply.....	127.08	
07 51 13 00-0135	SQ		HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat.....	139.01	
07 51 13 00-0136	SQ		Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel.....	121.89	
07 51 13 00-0137	SQ		Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers.....	114.39	
07 51 13 00-0138	SQ		Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products..... Note: Adheres all insulation layers for cold systems.	16.69	
07 51 13 00-0139	SQ		Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required.....	131.52	
07 51 13 00-0140	SQ		Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System.....	127.59	
07 51 13 00-0141	LF		Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh.....	18.38	
07 51 13 00-0142	SQ		Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....	169.29	
07 51 13 00-0143	SQ		Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....	1,002.21	
07 51 13 00-0144	SQ		Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ).....	220.30	
07 51 13 00-0145	SQ		Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel.....	266.92	
07 51 13 00-0146	SQ		Weatherking® Cold Applied Rubber Modified Asphalt Interply Adhesive For Slopes Up To 3:12, Interply.....	101.73	
07 51 13 00-0147	SQ		Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System.....	368.76	
07 51 13 00-0148	SQ		Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply..... Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.	101.01	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 52 Modified Bituminous Membrane Roofing (07 50)**07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing** (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing.
See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)**07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing** (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	171.45
		For Up To 10, Add	40.82
		For >10 To 20, Add	22.04
		For >20 To 40, Add	11.84
		For >75 To 100, Deduct	-5.92
		For >100 To 200, Deduct	-12.65
		For >200, Deduct	-18.57
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	208.18
		For Up To 10, Add	48.16
		For >10 To 20, Add	25.71
		For >20 To 40, Add	13.67
		For >75 To 100, Deduct	-6.84
		For >100 To 200, Deduct	-14.49
		For >200, Deduct	-21.32
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	325.45
		For Up To 10, Add	71.62
		For >10 To 20, Add	37.44
		For >20 To 40, Add	19.54
		For >75 To 100, Deduct	-9.77
		For >100 To 200, Deduct	-20.35
		For >200, Deduct	-30.12
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	328.55
		For Up To 10, Add	72.86
		For >10 To 20, Add	38.21
		For >20 To 40, Add	20.00
		For >75 To 100, Deduct	-10.00
		For >100 To 200, Deduct	-20.89
		For >200, Deduct	-30.89
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	235.93
		For Up To 10, Add	54.33
		For >10 To 20, Add	28.95
		For >20 To 40, Add	15.37
		For >75 To 100, Deduct	-7.68
		For >100 To 200, Deduct	-16.26
		For >200, Deduct	-23.95
		For Factory Applied White Reflective Surfacing, Add	66.95
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	273.08
		For Up To 10, Add	61.76
		For >10 To 20, Add	32.67
		For >20 To 40, Add	17.23
		For >75 To 100, Deduct	-8.61
		For >100 To 200, Deduct	-18.12
		For >200, Deduct	-26.73
		For Factory Applied White Reflective Surfacing, Add	66.95
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	374.29
		For Up To 10, Add	82.00
		For >10 To 20, Add	42.79
		For >20 To 40, Add	22.29
		For >75 To 100, Deduct	-11.14
		For >100 To 200, Deduct	-23.18
		For >200, Deduct	-34.32
		For Factory Applied White Reflective Surfacing, Add	66.95

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	6.92
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	7.38
		For Factory Applied White Reflective Surfacing, Add	0.67

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0001			Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 13)		
			Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 13 13-0002			Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 13-0001)		
07 52 13 13-0003	SQ		80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	124.40	
			For Up To 10, Add	31.40	
			For >10 To 20, Add	17.33	
			For >20 To 40, Add	9.48	
			For >75 To 100, Deduct	-4.74	
			For >100 To 200, Deduct	-10.30	
			For >200, Deduct	-15.04	
07 52 13 13-0004	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	161.13	
			For Up To 10, Add	38.75	
			For >10 To 20, Add	21.00	
			For >20 To 40, Add	11.32	
			For >75 To 100, Deduct	-5.66	
			For >100 To 200, Deduct	-12.13	
			For >200, Deduct	-17.79	
07 52 13 13-0005	SQ		150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	194.72	
			For Up To 10, Add	48.73	
			For >10 To 20, Add	26.81	
			For >20 To 40, Add	14.63	
			For >75 To 100, Deduct	-7.32	
			For >100 To 200, Deduct	-15.85	
			For >200, Deduct	-23.17	
07 52 13 13-0006	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	204.13	
			For Up To 10, Add	50.62	
			For >10 To 20, Add	27.76	
			For >20 To 40, Add	15.10	
			For >75 To 100, Deduct	-7.55	
			For >100 To 200, Deduct	-16.33	
			For >200, Deduct	-23.88	
07 52 13 13-0007	SQ		180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	280.42	
			For Up To 10, Add	65.87	
			For >10 To 20, Add	35.38	
			For >20 To 40, Add	18.92	
			For >75 To 100, Deduct	-9.46	
			For >100 To 200, Deduct	-20.14	
			For >200, Deduct	-29.60	
07 52 13 13-0008	SQ		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	194.72	
			For Up To 10, Add	48.73	
			For >10 To 20, Add	26.81	
			For >20 To 40, Add	14.63	
			For >75 To 100, Deduct	-7.32	
			For >100 To 200, Deduct	-15.85	
			For >200, Deduct	-23.17	
07 52 13 13-0009	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	206.48	
			For Up To 10, Add	51.09	
			For >10 To 20, Add	27.99	
			For >20 To 40, Add	15.22	
			For >75 To 100, Deduct	-7.61	
			For >100 To 200, Deduct	-16.44	
			For >200, Deduct	-24.05	
07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	280.42	
			For Up To 10, Add	65.87	
			For >10 To 20, Add	35.38	
			For >20 To 40, Add	18.92	
			For >75 To 100, Deduct	-9.46	
			For >100 To 200, Deduct	-20.14	
			For >200, Deduct	-29.60	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	202.13	
			For Up To 10, Add	50.22	
			For >10 To 20, Add	27.56	
			For >20 To 40, Add	15.00	
			For >75 To 100, Deduct	-7.50	
			For >100 To 200, Deduct	-16.23	
			For >200, Deduct	-23.73	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	213.53	
			For Up To 10, Add	52.50	
			For >10 To 20, Add	28.70	
			For >20 To 40, Add	15.57	
			For >75 To 100, Deduct	-7.79	
			For >100 To 200, Deduct	-16.80	
			For >200, Deduct	-24.58	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	241.51	
			For Up To 10, Add	58.09	
			For >10 To 20, Add	31.49	
			For >20 To 40, Add	16.97	
			For >75 To 100, Deduct	-8.49	
			For >100 To 200, Deduct	-18.19	
			For >200, Deduct	-26.68	
			For Factory Applied White Reflective Surfacing, Add	66.95	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	244.92	
		For Up To 10, Add	58.77	
		For >10 To 20, Add	31.83	
		For >20 To 40, Add	17.14	
		For >75 To 100, Deduct	-8.57	
		For >100 To 200, Deduct	-18.36	
		For >200, Deduct	-26.94	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	340.49	
		For Up To 10, Add	77.89	
		For >10 To 20, Add	41.39	
		For >20 To 40, Add	21.92	
		For >75 To 100, Deduct	-10.96	
		For >100 To 200, Deduct	-23.14	
		For >200, Deduct	-34.10	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 13 13-0016		Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 13-0001)		
07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.93	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.05	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.78	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.12	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.43	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.39	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 13 14		Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)		
07 52 13 14-0001		Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 14) Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 13 14-0002		Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets (07 52 13 14-0001)		
07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	181.44	
		For Up To 10, Add	39.55	
		For >10 To 20, Add	20.59	
		For >20 To 40, Add	10.70	
		For >75 To 100, Deduct	-5.35	
		For >100 To 200, Deduct	-11.11	
		For >200, Deduct	-16.46	
07 52 16		Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52) Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.		
07 52 16 11		Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)		
07 52 16 11-0001		Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 11) Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07 52 16 11-0002		Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 11-0001)		
07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	135.49	
		For Up To 10, Add	33.62	
		For >10 To 20, Add	18.44	
		For >20 To 40, Add	10.04	
		For >75 To 100, Deduct	-5.02	
		For >100 To 200, Deduct	-10.85	
		For >200, Deduct	-15.87	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	176.27	
		For Up To 10, Add	41.78	
		For >10 To 20, Add	22.52	
		For >20 To 40, Add	12.08	
		For >75 To 100, Deduct	-6.04	
		For >100 To 200, Deduct	-12.89	
		For >200, Deduct	-18.93	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0005	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied.....	181.54	
			For Up To 10, Add	42.83	
			For >10 To 20, Add	23.05	
			For >20 To 40, Add	12.34	
			For >75 To 100, Deduct	-6.17	
			For >100 To 200, Deduct	-13.16	
			For >200, Deduct	-19.33	
07 52 16 11-0006	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	246.58	
			For Up To 10, Add	55.84	
			For >10 To 20, Add	29.55	
			For >20 To 40, Add	15.59	
			For >75 To 100, Deduct	-7.80	
			For >100 To 200, Deduct	-16.41	
			For >200, Deduct	-24.20	
07 52 16 11-0007	SQ		125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied.....	312.42	
			For Up To 10, Add	69.01	
			For >10 To 20, Add	36.14	
			For >20 To 40, Add	18.88	
			For >75 To 100, Deduct	-9.44	
			For >100 To 200, Deduct	-19.70	
			For >200, Deduct	-29.14	
07 52 16 11-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	260.95	
			For Up To 10, Add	59.34	
			For >10 To 20, Add	31.45	
			For >20 To 40, Add	16.62	
			For >75 To 100, Deduct	-8.31	
			For >100 To 200, Deduct	-17.51	
			For >200, Deduct	-25.82	
07 52 16 11-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	268.02	
			For Up To 10, Add	60.75	
			For >10 To 20, Add	32.16	
			For >20 To 40, Add	16.97	
			For >75 To 100, Deduct	-8.49	
			For >100 To 200, Deduct	-17.87	
			For >200, Deduct	-26.35	
07 52 16 11-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	234.87	
			For Up To 10, Add	54.12	
			For >10 To 20, Add	28.85	
			For >20 To 40, Add	15.32	
			For >75 To 100, Deduct	-7.66	
			For >100 To 200, Deduct	-16.21	
			For >200, Deduct	-23.87	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	237.93	
			For Up To 10, Add	54.73	
			For >10 To 20, Add	29.15	
			For >20 To 40, Add	15.47	
			For >75 To 100, Deduct	-7.73	
			For >100 To 200, Deduct	-16.36	
			For >200, Deduct	-24.10	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	266.14	
			For Up To 10, Add	60.37	
			For >10 To 20, Add	31.97	
			For >20 To 40, Add	16.88	
			For >75 To 100, Deduct	-8.44	
			For >100 To 200, Deduct	-17.77	
			For >200, Deduct	-26.21	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	270.84	
			For Up To 10, Add	61.31	
			For >10 To 20, Add	32.44	
			For >20 To 40, Add	17.12	
			For >75 To 100, Deduct	-8.56	
			For >100 To 200, Deduct	-18.01	
			For >200, Deduct	-26.57	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	311.99	
			For Up To 10, Add	69.54	
			For >10 To 20, Add	36.56	
			For >20 To 40, Add	19.17	
			For >75 To 100, Deduct	-9.59	
			For >100 To 200, Deduct	-20.07	
			For >200, Deduct	-29.65	
			For Factory Applied White Reflective Surfacing, Add	66.95	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	386.94	
			For Up To 10, Add	84.53	
			For >10 To 20, Add	44.05	
			For >20 To 40, Add	22.92	
			For >75 To 100, Deduct	-11.46	
			For >100 To 200, Deduct	-23.81	
			For >200, Deduct	-35.27	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	239.97	
			For Up To 10, Add	55.14	
			For >10 To 20, Add	29.36	
			For >20 To 40, Add	15.57	
			For >75 To 100, Deduct	-7.79	
			For >100 To 200, Deduct	-16.46	
			For >200, Deduct	-24.25	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	247.33	
			For Up To 10, Add	56.61	
			For >10 To 20, Add	30.09	
			For >20 To 40, Add	15.94	
			For >75 To 100, Deduct	-7.97	
			For >100 To 200, Deduct	-16.83	
			For >200, Deduct	-24.80	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	287.30	
			For Up To 10, Add	64.61	
			For >10 To 20, Add	34.09	
			For >20 To 40, Add	17.94	
			For >75 To 100, Deduct	-8.97	
			For >100 To 200, Deduct	-18.83	
			For >200, Deduct	-27.80	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	288.24	
			For Up To 10, Add	64.79	
			For >10 To 20, Add	34.18	
			For >20 To 40, Add	17.99	
			For >75 To 100, Deduct	-8.99	
			For >100 To 200, Deduct	-18.88	
			For >200, Deduct	-27.87	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	306.11	
			For Up To 10, Add	68.37	
			For >10 To 20, Add	35.97	
			For >20 To 40, Add	18.88	
			For >75 To 100, Deduct	-9.44	
			For >100 To 200, Deduct	-19.77	
			For >200, Deduct	-29.21	
			For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 11-0021			Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 11-0001)		
07 52 16 11-0022	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.32	
07 52 16 11-0023	SF		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.99	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0024	SF		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.02	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0025	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.35	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0026	SF		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.76	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0027	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	7.51	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0028	SF		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.04	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0029	SF		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.11	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0030	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.52	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0031	SF		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.70	
			For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 11-0032	SF		145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	8.16	
07 52 16 11-0033	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	13.45	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12		Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)		
07 52 16 12-0001		Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 12) Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002		Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 12-0001)		
07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	111.60	
		For Up To 10, Add	28.97	
		For >10 To 20, Add	16.14	
		For >20 To 40, Add	8.90	
		For >75 To 100, Deduct	-4.45	
		For >100 To 200, Deduct	-9.73	
		For >200, Deduct	-14.19	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	152.38	
		For Up To 10, Add	37.12	
		For >10 To 20, Add	20.22	
		For >20 To 40, Add	10.94	
		For >75 To 100, Deduct	-5.47	
		For >100 To 200, Deduct	-11.77	
		For >200, Deduct	-17.24	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	157.64	
		For Up To 10, Add	38.17	
		For >10 To 20, Add	20.75	
		For >20 To 40, Add	11.21	
		For >75 To 100, Deduct	-5.60	
		For >100 To 200, Deduct	-12.04	
		For >200, Deduct	-17.64	
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	222.69	
		For Up To 10, Add	51.18	
		For >10 To 20, Add	27.25	
		For >20 To 40, Add	14.46	
		For >75 To 100, Deduct	-7.23	
		For >100 To 200, Deduct	-15.29	
		For >200, Deduct	-22.52	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	288.52	
		For Up To 10, Add	64.35	
		For >10 To 20, Add	33.84	
		For >20 To 40, Add	17.75	
		For >75 To 100, Deduct	-8.87	
		For >100 To 200, Deduct	-18.58	
		For >200, Deduct	-27.45	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	237.10	
		For Up To 10, Add	54.70	
		For >10 To 20, Add	29.17	
		For >20 To 40, Add	15.49	
		For >75 To 100, Deduct	-7.75	
		For >100 To 200, Deduct	-16.40	
		For >200, Deduct	-24.15	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	244.18	
		For Up To 10, Add	56.11	
		For >10 To 20, Add	29.88	
		For >20 To 40, Add	15.85	
		For >75 To 100, Deduct	-7.92	
		For >100 To 200, Deduct	-16.76	
		For >200, Deduct	-24.68	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	211.03	
		For Up To 10, Add	49.48	
		For >10 To 20, Add	26.56	
		For >20 To 40, Add	14.19	
		For >75 To 100, Deduct	-7.09	
		For >100 To 200, Deduct	-15.10	
		For >200, Deduct	-22.19	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	214.08	
		For Up To 10, Add	50.09	
		For >10 To 20, Add	26.87	
		For >20 To 40, Add	14.34	
		For >75 To 100, Deduct	-7.17	
		For >100 To 200, Deduct	-15.25	
		For >200, Deduct	-22.42	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	242.30	
		For Up To 10, Add	55.74	
		For >10 To 20, Add	29.69	
		For >20 To 40, Add	15.75	
		For >75 To 100, Deduct	-7.88	
		For >100 To 200, Deduct	-16.66	
		For >200, Deduct	-24.54	
		For Factory Applied White Reflective Surfacing, Add	66.95	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	247.00	
		For Up To 10, Add	56.68	
		For >10 To 20, Add	30.16	
		For >20 To 40, Add	15.99	
		For >75 To 100, Deduct	-7.99	
		For >100 To 200, Deduct	-16.90	
		For >200, Deduct	-24.89	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	288.14	
		For Up To 10, Add	64.90	
		For >10 To 20, Add	34.27	
		For >20 To 40, Add	18.05	
		For >75 To 100, Deduct	-9.02	
		For >100 To 200, Deduct	-18.95	
		For >200, Deduct	-27.98	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	363.10	
		For Up To 10, Add	79.90	
		For >10 To 20, Add	41.77	
		For >20 To 40, Add	21.79	
		For >75 To 100, Deduct	-10.90	
		For >100 To 200, Deduct	-22.70	
		For >200, Deduct	-33.60	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	216.13	
		For Up To 10, Add	50.50	
		For >10 To 20, Add	27.07	
		For >20 To 40, Add	14.44	
		For >75 To 100, Deduct	-7.22	
		For >100 To 200, Deduct	-15.35	
		For >200, Deduct	-22.58	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	223.49	
		For Up To 10, Add	51.97	
		For >10 To 20, Add	27.81	
		For >20 To 40, Add	14.81	
		For >75 To 100, Deduct	-7.41	
		For >100 To 200, Deduct	-15.72	
		For >200, Deduct	-23.13	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	263.46	
		For Up To 10, Add	59.97	
		For >10 To 20, Add	31.80	
		For >20 To 40, Add	16.81	
		For >75 To 100, Deduct	-8.41	
		For >100 To 200, Deduct	-17.72	
		For >200, Deduct	-26.13	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	264.40	
		For Up To 10, Add	60.16	
		For >10 To 20, Add	31.90	
		For >20 To 40, Add	16.86	
		For >75 To 100, Deduct	-8.43	
		For >100 To 200, Deduct	-17.77	
		For >200, Deduct	-26.20	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	282.27	
		For Up To 10, Add	63.73	
		For >10 To 20, Add	33.68	
		For >20 To 40, Add	17.75	
		For >75 To 100, Deduct	-8.88	
		For >100 To 200, Deduct	-18.66	
		For >200, Deduct	-27.54	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 12-0021		Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 12-0001)		
07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.14	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.81	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.84	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.12	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.16	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.58	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	5.33	
		For Factory Applied White Reflective Surfacing, Add	0.67	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0029	SF		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.86	
			For Factory Applied White Reflective Surfacing, Add.....	0.67	
07 52 16 12-0030	SF		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	3.93	
			For Factory Applied White Reflective Surfacing, Add.....	0.67	
07 52 16 12-0031	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.26	
			For Factory Applied White Reflective Surfacing, Add.....	0.67	
07 52 16 12-0032	SF		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.52	
			For Factory Applied White Reflective Surfacing, Add.....	0.67	
07 52 16 12-0033	SF		145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	5.98	
07 52 16 12-0034	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	11.26	
07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)					
07 52 16 13-0001			Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 13) Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 16 13-0002			Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 13-0001)		
07 52 16 13-0003	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	227.64	
			For Up To 10, Add.....	55.32	
			For >10 To 20, Add.....	30.11	
			For >20 To 40, Add.....	16.28	
			For >75 To 100, Deduct.....	-8.14	
			For >100 To 200, Deduct.....	-17.50	
			For >200, Deduct.....	-25.64	
07 52 16 13-0004	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	204.83	
			For Up To 10, Add.....	50.76	
			For >10 To 20, Add.....	27.83	
			For >20 To 40, Add.....	15.14	
			For >75 To 100, Deduct.....	-7.57	
			For >100 To 200, Deduct.....	-16.36	
			For >200, Deduct.....	-23.93	
			For Factory Applied White Reflective Surfacing, Add.....	66.95	
07 52 16 13-0005	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	231.63	
			For Up To 10, Add.....	56.12	
			For >10 To 20, Add.....	30.51	
			For >20 To 40, Add.....	16.48	
			For >75 To 100, Deduct.....	-8.24	
			For >100 To 200, Deduct.....	-17.70	
			For >200, Deduct.....	-25.94	
			For Factory Applied White Reflective Surfacing, Add.....	66.95	
07 52 16 13-0006	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	353.14	
			For Up To 10, Add.....	80.42	
			For >10 To 20, Add.....	42.66	
			For >20 To 40, Add.....	22.55	
			For >75 To 100, Deduct.....	-11.28	
			For >100 To 200, Deduct.....	-23.78	
			For >200, Deduct.....	-35.05	
			For Factory Applied White Reflective Surfacing, Add.....	66.95	
07 52 16 13-0007	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	212.50	
			For Up To 10, Add.....	52.29	
			For >10 To 20, Add.....	28.59	
			For >20 To 40, Add.....	15.52	
			For >75 To 100, Deduct.....	-7.76	
			For >100 To 200, Deduct.....	-16.74	
			For >200, Deduct.....	-24.50	
			For Factory Applied White Reflective Surfacing, Add.....	66.95	
07 52 16 13-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	244.09	
			For Up To 10, Add.....	58.61	
			For >10 To 20, Add.....	31.75	
			For >20 To 40, Add.....	17.10	
			For >75 To 100, Deduct.....	-8.55	
			For >100 To 200, Deduct.....	-18.32	
			For >200, Deduct.....	-26.87	
			For Factory Applied White Reflective Surfacing, Add.....	66.95	
07 52 16 13-0009	SQ		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	254.39	
			For Up To 10, Add.....	60.85	
			For >10 To 20, Add.....	32.92	
			For >20 To 40, Add.....	17.70	
			For >75 To 100, Deduct.....	-8.85	
			For >100 To 200, Deduct.....	-18.95	
			For >200, Deduct.....	-27.80	
			For Factory Applied White Reflective Surfacing, Add.....	66.95	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	328.14	
		For Up To 10, Add	75.60	
		For >10 To 20, Add	40.29	
		For >20 To 40, Add	21.39	
		For >75 To 100, Deduct	-10.70	
		For >100 To 200, Deduct	-22.64	
		For >200, Deduct	-33.33	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 13-0011		Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 13-0001)		
07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	3.32	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	3.30	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.51	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	3.45	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	3.52	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.26	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.42	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	10.45	
07 52 16 14		Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)		
07 52 16 14-0001		Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 14) Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 16 14-0002		Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets (07 52 16 14-0001)		
07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	140.92	
		For Up To 10, Add	31.44	
		For >10 To 20, Add	16.54	
		For >20 To 40, Add	8.68	
		For >75 To 100, Deduct	-4.34	
		For >100 To 200, Deduct	-9.08	
		For >200, Deduct	-13.42	
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	108.75	
		For Up To 10, Add	25.01	
		For >10 To 20, Add	13.32	
		For >20 To 40, Add	7.07	
		For >75 To 100, Deduct	-3.53	
		For >100 To 200, Deduct	-7.48	
		For >200, Deduct	-11.01	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	140.42	
		For Up To 10, Add	31.34	
		For >10 To 20, Add	16.49	
		For >20 To 40, Add	8.65	
		For >75 To 100, Deduct	-4.33	
		For >100 To 200, Deduct	-9.06	
		For >200, Deduct	-13.38	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	175.40	
		For Up To 10, Add	38.34	
		For >10 To 20, Add	19.99	
		For >20 To 40, Add	10.40	
		For >75 To 100, Deduct	-5.20	
		For >100 To 200, Deduct	-10.81	
		For >200, Deduct	-16.01	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	219.84	
		For Up To 10, Add	47.23	
		For >10 To 20, Add	24.43	
		For >20 To 40, Add	12.62	
		For >75 To 100, Deduct	-6.31	
		For >100 To 200, Deduct	-13.03	
		For >200, Deduct	-19.34	
07 52 16 14-0008		Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 14-0001)		
07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened.....	2.83	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	2.90	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15		Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)		
07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 15) Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 15-0001)		
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	113.54	
		For Up To 10, Add	26.62	
		For >10 To 20, Add	14.29	
		For >20 To 40, Add	7.64	
		For >75 To 100, Deduct	-3.82	
		For >100 To 200, Deduct	-8.12	
		For >200, Deduct	-11.94	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	120.21	
		For Up To 10, Add	27.96	
		For >10 To 20, Add	14.96	
		For >20 To 40, Add	7.97	
		For >75 To 100, Deduct	-3.98	
		For >100 To 200, Deduct	-8.46	
		For >200, Deduct	-12.44	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	201.81	
		For Up To 10, Add	44.57	
		For >10 To 20, Add	23.34	
		For >20 To 40, Add	12.20	
		For >75 To 100, Deduct	-6.10	
		For >100 To 200, Deduct	-12.72	
		For >200, Deduct	-18.82	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	240.88	
		For Up To 10, Add	52.39	
		For >10 To 20, Add	27.25	
		For >20 To 40, Add	14.15	
		For >75 To 100, Deduct	-7.07	
		For >100 To 200, Deduct	-14.68	
		For >200, Deduct	-21.75	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	356.09	
		For Up To 10, Add	75.43	
		For >10 To 20, Add	38.77	
		For >20 To 40, Add	19.91	
		For >75 To 100, Deduct	-9.95	
		For >100 To 200, Deduct	-20.44	
		For >200, Deduct	-30.39	
		For Factory Applied White Reflective Surfacing, Add	66.95	
07 52 16 15-0008		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 15-0001)		
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.29	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.67	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	4.82	
		For Factory Applied White Reflective Surfacing, Add	0.67	
07 53		Elastomeric Membrane Roofing (07 50) Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
07 53 16		Chlorosulfonate-Polyethylene Roofing (07 53)		
07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07 53 16) Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered	353.47	78.32
		Note: Includes adhesive.		
		For Up To 10, Add	102.02	
		For >10 To 20, Add	58.84	
		For >20 To 40, Add	33.34	
		For >75 To 100, Deduct	-16.67	
		For >100 To 200, Deduct	-37.25	
		For >200, Deduct	-53.92	
		For 15 Year Warranty, Add	3.00	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted	242.64	39.16
		Note: Includes ballast.		
		For Up To 10, Add	64.19	
		For >10 To 20, Add	36.01	
		For >20 To 40, Add	19.96	
		For >75 To 100, Deduct	-9.98	
		For >100 To 200, Deduct	-21.92	
		For >200, Deduct	-31.90	
		For 15 Year Warranty, Add	3.00	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 16 00-0004	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened .....271.74		58.74
			Note: Includes fasteners.		
			For Up To 10, Add	77.84	
			For >10 To 20, Add	44.80	
			For >20 To 40, Add	25.34	
			For >75 To 100, Deduct	-12.67	
			For >100 To 200, Deduct	-28.27	
			For >200, Deduct	-40.94	
			For 15 Year Warranty, Add	3.00	
			For Mechanically Fastened To Concrete Decks, Add	29.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.18	
07 53 23			Ethylene-Propylene-Diene-Monomer Roofing ^(07 53)		
07 53 23 00-0001			Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes ^(07 53 23)		
			Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).		
07 53 23 00-0002	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....206.20		39.16
			Note: Includes ballast.		
			For Up To 10, Add	56.90	
			For >10 To 20, Add	32.37	
			For >20 To 40, Add	18.14	
			For >75 To 100, Deduct	-9.07	
			For >100 To 200, Deduct	-20.10	
			For >200, Deduct	-29.17	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	5.38	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
07 53 23 00-0003	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....231.64		41.61
			Note: Includes ballast.		
			For Up To 10, Add	62.97	
			For >10 To 20, Add	35.65	
			For >20 To 40, Add	19.90	
			For >75 To 100, Deduct	-9.95	
			For >100 To 200, Deduct	-21.98	
			For >200, Deduct	-31.93	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
07 53 23 00-0004	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....343.30		44.05
			Note: Includes ballast.		
			For Up To 10, Add	86.28	
			For >10 To 20, Add	47.55	
			For >20 To 40, Add	25.98	
			For >75 To 100, Deduct	-12.99	
			For >100 To 200, Deduct	-28.18	
			For >200, Deduct	-41.17	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
07 53 23 00-0005	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....252.56		58.74
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	74.01	
			For >10 To 20, Add	42.88	
			For >20 To 40, Add	24.38	
			For >75 To 100, Deduct	-12.19	
			For >100 To 200, Deduct	-27.31	
			For >200, Deduct	-39.50	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	5.38	
			For Low VOC Adhesive, Add	19.48	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Integral Polyester Fleece-Backing, Add	72.18	
07 53 23 00-0006	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....277.99		61.19
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	80.07	
			For >10 To 20, Add	46.15	
			For >20 To 40, Add	26.14	
			For >75 To 100, Deduct	-13.07	
			For >100 To 200, Deduct	-29.20	
			For >200, Deduct	-42.26	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For Low VOC Adhesive, Add	19.48	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Integral Polyester Fleece-Backing, Add	80.06	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Elastomeric Membrane Roofing			07 53

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0007	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	389.65	63.63
			For Up To 10, Add	103.38	
			For >10 To 20, Add	58.06	
			For >20 To 40, Add	32.21	
			For >75 To 100, Deduct	-16.10	
			For >100 To 200, Deduct	-35.39	
			For >200, Deduct	-51.50	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For Low VOC Adhesive, Add	19.48	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Integral Polyester Fleece-Backing, Add	88.67	
07 53 23 00-0008	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	333.34	78.32
			For Up To 10, Add	98.00	
			For >10 To 20, Add	56.83	
			For >20 To 40, Add	32.33	
			For >75 To 100, Deduct	-16.17	
			For >100 To 200, Deduct	-36.25	
			For >200, Deduct	-52.41	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	5.38	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
			For Low VOC Adhesive, Add	48.70	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Integral Polyester Fleece-Backing, Add	72.18	
07 53 23 00-0009	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	358.78	80.77
			For Up To 10, Add	104.06	
			For >10 To 20, Add	60.11	
			For >20 To 40, Add	34.09	
			For >75 To 100, Deduct	-17.05	
			For >100 To 200, Deduct	-38.13	
			For >200, Deduct	-55.18	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
			For Low VOC Adhesive, Add	48.70	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Integral Polyester Fleece-Backing, Add	80.06	
07 53 23 00-0010	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	470.43	83.21
			For Up To 10, Add	127.37	
			For >10 To 20, Add	72.01	
			For >20 To 40, Add	40.16	
			For >75 To 100, Deduct	-20.08	
			For >100 To 200, Deduct	-44.33	
			For >200, Deduct	-64.41	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For Low VOC Adhesive, Add	48.70	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Integral Polyester Fleece-Backing, Add	88.67	
07 53 23 00-0011	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	235.16	58.74
			For Up To 10, Add	70.53	
			For >10 To 20, Add	41.14	
			For >20 To 40, Add	23.51	
			For >75 To 100, Deduct	-11.75	
			For >100 To 200, Deduct	-26.44	
			For >200, Deduct	-38.20	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	5.38	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Mechanically Fastened To Concrete Decks, Add	29.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.18	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0012	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	260.59	61.19
			Note: Includes fasteners.		
			For Up To 10, Add	76.59	
			For >10 To 20, Add	44.41	
			For >20 To 40, Add	25.27	
			For >75 To 100, Deduct	-12.63	
			For >100 To 200, Deduct	-28.33	
			For >200, Deduct	-40.96	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	17.37	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Mechanically Fastened To Concrete Decks, Add	30.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.40	
07 53 23 00-0013	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	372.25	63.63
			Note: Includes fasteners.		
			For Up To 10, Add	99.90	
			For >10 To 20, Add	56.32	
			For >20 To 40, Add	31.34	
			For >75 To 100, Deduct	-15.67	
			For >100 To 200, Deduct	-34.52	
			For >200, Deduct	-50.19	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	5.38	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	51.33	
			For Mechanically Fastened To Concrete Decks, Add	31.82	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.63	
07 53 23 00-0014			Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories (07 53 23)		
07 53 23 00-0015	SQ		Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	51.05	
			For Up To 10, Add	14.13	
			For >10 To 20, Add	8.04	
			For >20 To 40, Add	4.51	
			For >75 To 100, Deduct	-2.26	
			For >100 To 200, Deduct	-5.00	
			For >200, Deduct	-7.26	
07 53 23 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat.....	52.62	
			Note: 55% solids by volume		
			For Up To 10, Add	14.44	
			For >10 To 20, Add	8.20	
			For >20 To 40, Add	4.59	
			For >75 To 100, Deduct	-2.29	
			For >100 To 200, Deduct	-5.08	
			For >200, Deduct	-7.37	
07 53 23 00-0017	EA		Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	33.88	9.30
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018	EA		>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	46.30	9.30
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019	EA		>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	82.15	9.30
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020	EA		6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket.....	107.79	10.28
			Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021	LF		30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad.....	25.51	5.68
			Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	5.06	1.47
07 53 23 00-0023	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing.....	6.53	2.20
07 53 29			Polyisobutylene Roofing (07 53)		
07 53 29 00-0001			Polyisobutylene (PIB) Roofing Membranes (07 53 29)		
			Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002	SQ		100 Mil, Single Ply PIB Roofing Membrane, Ballasted.....	356.15	44.05
			Note: Includes ballast.		
			For Up To 10, Add	88.85	
			For >10 To 20, Add	48.83	
			For >20 To 40, Add	26.62	
			For >75 To 100, Deduct	-13.31	
			For >100 To 200, Deduct	-28.82	
			For >200, Deduct	-42.13	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Elastomeric Membrane Roofing			07 53

07

MINOR			TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%).....	405.66	63.63
		Note: Includes adhesive.		
		For Up To 10, Add	106.59	
		For >10 To 20, Add	59.66	
		For >20 To 40, Add	33.01	
		For >75 To 100, Deduct	-16.51	
		For >100 To 200, Deduct	-36.19	
		For >200, Deduct	-52.70	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered	491.17	83.21
		Note: Includes adhesive.		
		For Up To 10, Add	131.52	
		For >10 To 20, Add	74.08	
		For >20 To 40, Add	41.20	
		For >75 To 100, Deduct	-20.60	
		For >100 To 200, Deduct	-45.36	
		For >200, Deduct	-65.96	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
07 54 Thermoplastic Membrane Roofing (07 50)				
Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.				
07 54 19 Polyvinyl-Chloride Roofing (07 54)				
07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07 54 19)				
Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.				
07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	200.35	39.16
		Note: Includes ballast.		
		For Up To 10, Add	55.73	
		For >10 To 20, Add	31.78	
		For >20 To 40, Add	17.85	
		For >75 To 100, Deduct	-8.92	
		For >100 To 200, Deduct	-19.81	
		For >200, Deduct	-28.73	
		For 15 Year Warranty, Add	3.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	225.34	41.61
		Note: Includes ballast.		
		For Up To 10, Add	61.71	
		For >10 To 20, Add	35.02	
		For >20 To 40, Add	19.59	
		For >75 To 100, Deduct	-9.79	
		For >100 To 200, Deduct	-21.67	
		For >200, Deduct	-31.46	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	253.49	42.83
		Note: Includes ballast.		
		For Up To 10, Add	67.83	
		For >10 To 20, Add	38.20	
		For >20 To 40, Add	21.24	
		For >75 To 100, Deduct	-10.62	
		For >100 To 200, Deduct	-23.38	
		For >200, Deduct	-34.00	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	267.11	44.05
		Note: Includes ballast.		
		For Up To 10, Add	71.04	
		For >10 To 20, Add	39.93	
		For >20 To 40, Add	22.17	
		For >75 To 100, Deduct	-11.08	
		For >100 To 200, Deduct	-24.37	
		For >200, Deduct	-35.45	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Colors, Add	26.00	
		For Integral Polyester Fleece-Backing, Add	38.45	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0006	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	301.22	78.32
			Note: Includes adhesive.		
			For Up To 10, Add	91.57	
			For >10 To 20, Add	53.62	
			For >20 To 40, Add	30.73	
			For >75 To 100, Deduct	-15.36	
			For >100 To 200, Deduct	-34.64	
			For >200, Deduct	-50.00	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	51.40	
			For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0007	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	326.21	80.77
			Note: Includes adhesive.		
			For Up To 10, Add	97.55	
			For >10 To 20, Add	56.85	
			For >20 To 40, Add	32.46	
			For >75 To 100, Deduct	-16.23	
			For >100 To 200, Deduct	-36.50	
			For >200, Deduct	-52.73	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	51.40	
			For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0008	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	354.35	81.99
			Note: Includes adhesive.		
			For Up To 10, Add	103.67	
			For >10 To 20, Add	60.03	
			For >20 To 40, Add	34.12	
			For >75 To 100, Deduct	-17.06	
			For >100 To 200, Deduct	-38.22	
			For >200, Deduct	-55.27	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	51.40	
			For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0009	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	367.97	83.21
			Note: Includes adhesive.		
			For Up To 10, Add	106.88	
			For >10 To 20, Add	61.76	
			For >20 To 40, Add	35.04	
			For >75 To 100, Deduct	-17.52	
			For >100 To 200, Deduct	-39.20	
			For >200, Deduct	-56.72	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	51.40	
			For Integral Polyester Fleece-Backing, Add	38.45	
07 54 19 00-0010	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	224.21	58.74
			Note: Includes fasteners.		
			For Up To 10, Add	68.34	
			For >10 To 20, Add	40.04	
			For >20 To 40, Add	22.96	
			For >75 To 100, Deduct	-11.48	
			For >100 To 200, Deduct	-25.90	
			For >200, Deduct	-37.37	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	38.45	
			For Mechanically Fastened To Concrete Decks, Add	29.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.18	
07 54 19 00-0011	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	249.20	61.19
			Note: Includes fasteners.		
			For Up To 10, Add	74.31	
			For >10 To 20, Add	43.28	
			For >20 To 40, Add	24.70	
			For >75 To 100, Deduct	-12.35	
			For >100 To 200, Deduct	-27.76	
			For >200, Deduct	-40.10	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	38.45	
			For Mechanically Fastened To Concrete Decks, Add	30.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.40	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Thermoplastic Membrane Roofing			07 54

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0012	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened.....	277.34	62.41
			Note: Includes fasteners.		
			For Up To 10, Add	80.43	
			For >10 To 20, Add	46.46	
			For >20 To 40, Add	26.35	
			For >75 To 100, Deduct	-13.17	
			For >100 To 200, Deduct	-29.47	
			For >200, Deduct	-42.64	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	38.45	
			For Mechanically Fastened To Concrete Decks, Add	31.21	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.02	
07 54 19 00-0013	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened.....	290.96	63.63
			Note: Includes fasteners.		
			For Up To 10, Add	83.65	
			For >10 To 20, Add	48.19	
			For >20 To 40, Add	27.28	
			For >75 To 100, Deduct	-13.64	
			For >100 To 200, Deduct	-30.46	
			For >200, Deduct	-44.09	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	38.45	
			For Mechanically Fastened To Concrete Decks, Add	31.82	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.63	
07 54 19 00-0014			Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)		
07 54 19 00-0015	SQ		Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat.....	51.05	
			For Up To 10, Add	14.13	
			For >10 To 20, Add	8.04	
			For >20 To 40, Add	4.51	
			For >75 To 100, Deduct	-2.26	
			For >100 To 200, Deduct	-5.00	
			For >200, Deduct	-7.26	
07 54 19 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....	52.62	
			Note: 55% solids by volume.		
			For Up To 10, Add	14.44	
			For >10 To 20, Add	8.20	
			For >20 To 40, Add	4.59	
			For >75 To 100, Deduct	-2.29	
			For >100 To 200, Deduct	-5.08	
			For >200, Deduct	-7.37	
07 54 19 00-0017	EA		Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	52.26	8.32
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018	EA		>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	72.06	9.30
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019	EA		>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	91.28	10.28
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020	EA		6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket.....	114.60	10.28
			Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021	LF		36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad.....	22.31	5.68
07 54 19 00-0022	SF		Polyvinyl Chloride (PVC) Membrane Base Flashing.....	5.87	1.47
07 54 19 00-0023	SF		Polyvinyl Chloride (PVC) Membrane Curb Flashing.....	7.34	2.20
07 54 19 00-0024	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	7.64	1.47
			Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
07 54 23			Thermoplastic-Polyolefin Roofing (07 54)		
07 54 23 00-0001			Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)		
			Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ		45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	323.10	78.32
			Note: Includes adhesive.		
			For Up To 10, Add	95.95	
			For >10 To 20, Add	55.81	
			For >20 To 40, Add	31.82	
			For >75 To 100, Deduct	-15.91	
			For >100 To 200, Deduct	-35.74	
			For >200, Deduct	-51.64	
			For 15 Year Warranty, Add	3.00	
			For Low VOC Adhesive, Add	48.70	
			For Integral Polyester Fleece-Backing, Add	33.25	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0003	SQ		50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	336.77	79.54
			Note: Includes adhesive.		
			For Up To 10, Add	99.17	
			For >10 To 20, Add	57.54	
			For >20 To 40, Add	32.75	
			For >75 To 100, Deduct	-16.37	
			For >100 To 200, Deduct	-36.72	
			For >200, Deduct	-53.10	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low VOC Adhesive, Add	48.70	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0004	SQ		60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	344.20	80.77
			Note: Includes adhesive.		
			For Up To 10, Add	101.15	
			For >10 To 20, Add	58.65	
			For >20 To 40, Add	33.36	
			For >75 To 100, Deduct	-16.68	
			For >100 To 200, Deduct	-37.40	
			For >200, Deduct	-54.08	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low VOC Adhesive, Add	48.70	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0005	SQ		80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	432.36	83.21
			Note: Includes adhesive.		
			For Up To 10, Add	119.76	
			For >10 To 20, Add	68.20	
			For >20 To 40, Add	38.26	
			For >75 To 100, Deduct	-19.13	
			For >100 To 200, Deduct	-42.42	
			For >200, Deduct	-61.55	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low VOC Adhesive, Add	48.70	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0006	SQ		45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	219.00	58.74
			Note: Includes fasteners.		
			For Up To 10, Add	67.30	
			For >10 To 20, Add	39.52	
			For >20 To 40, Add	22.70	
			For >75 To 100, Deduct	-11.35	
			For >100 To 200, Deduct	-25.64	
			For >200, Deduct	-36.98	
			For 15 Year Warranty, Add	3.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
			For Mechanically Fastened To Concrete Decks, Add	29.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.18	
07 54 23 00-0007	SQ		50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	232.66	59.96
			Note: Includes fasteners.		
			For Up To 10, Add	70.52	
			For >10 To 20, Add	41.26	
			For >20 To 40, Add	23.63	
			For >75 To 100, Deduct	-11.81	
			For >100 To 200, Deduct	-26.62	
			For >200, Deduct	-38.44	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
			For Mechanically Fastened To Concrete Decks, Add	29.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	30.79	
07 54 23 00-0008	SQ		60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	240.09	61.19
			Note: Includes fasteners.		
			For Up To 10, Add	72.49	
			For >10 To 20, Add	42.36	
			For >20 To 40, Add	24.24	
			For >75 To 100, Deduct	-12.12	
			For >100 To 200, Deduct	-27.30	
			For >200, Deduct	-39.42	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
			For Mechanically Fastened To Concrete Decks, Add	30.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.40	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Thermoplastic Membrane Roofing			07 54

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0009	SQ		80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	328.25	63.63
			For Up To 10, Add	91.10	
			For >10 To 20, Add	51.92	
			For >20 To 40, Add	29.14	
			For >75 To 100, Deduct	-14.57	
			For >100 To 200, Deduct	-32.32	
			For >200, Deduct	-46.89	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
			For Mechanically Fastened To Concrete Decks, Add	31.82	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.63	
07 54 23 00-0010			Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)		
07 54 23 00-0011	SQ		Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat.....	59.71	
			For Up To 10, Add	15.86	
			For >10 To 20, Add	8.91	
			For >20 To 40, Add	4.94	
			For >75 To 100, Deduct	-2.47	
			For >100 To 200, Deduct	-5.43	
			For >200, Deduct	-7.90	
07 54 23 00-0012	SQ		Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat..... Note: 55% solids by volume.	52.62	
			For Up To 10, Add	14.44	
			For >10 To 20, Add	8.20	
			For >20 To 40, Add	4.59	
			For >75 To 100, Deduct	-2.29	
			For >100 To 200, Deduct	-5.08	
			For >200, Deduct	-7.37	
			For Tan Or Gray Color, Add	1.65	
07 54 23 00-0013	EA		Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	45.65	8.32
07 54 23 00-0014	EA		>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	49.45	9.30
07 54 23 00-0015	EA		6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	87.08	10.28
07 54 23 00-0016	LF		30" Wide, TPO Walkway Protection Pad	22.07	5.68
07 54 23 00-0017	SF		Thermoplastic Polyolefin Membrane Base Flashing	6.09	1.47
07 54 23 00-0018	SF		Thermoplastic Polyolefin Curb Flashing..... For Tan Or Gray Color, Add	5.77 0.07	1.47
07 54 23 00-0019	SF		Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing..... Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	8.55	1.47
07 56			Fluid-Applied Roofing (07 50)		
07 56 00 00-0001			Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)		
07 56 00 00-0002	SQ		60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing..... For Each Additional Coat, Add	900.50 135.08	129.28
07 56 00 00-0003			Vinyl Spray Liquid Roofing (07 56)		
07 56 00 00-0004	SQ		2 Mil Vinyl Liquid Roofing.....	1,030.19	136.25
07 56 00 00-0005	SQ		4 Mil Vinyl Liquid Roofing.....	1,152.73	152.16
07 56 00 00-0006			Silicone Elastomeric Liquid Roofing (07 56)		
07 56 00 00-0007	SQ		65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	314.13	78.06
07 56 00 00-0008	SQ		65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	389.79	78.06
07 56 00 00-0009	SQ		65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	446.70	78.06
07 56 00 00-0010			Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)		
07 56 00 00-0011	SQ		90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane	1,425.35	78.06
			Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat.		
07 56 00 00-0012			Urethane Liquid Roofing Membrane (07 56) Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0013	SQ		Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	64.29	
07 56 00 00-0014	LF		Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	4.45	
07 56 00 00-0015	SQ		White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	244.08	
07 56 00 00-0016	SQ		White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System.....	64.83	
07 56 00 00-0017	SQ		White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	593.87	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 56 Fluid-Applied Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 56 00 00-0018	SQ		White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	892.70	
07 56 00 00-0019	SQ		White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	614.20	
07 56 00 00-0020	SQ		White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	162.65	
07 57 Coated Foamed Roofing (07 50)					
07 57 13 Sprayed Polyurethane Foam Roofing (07 57)					
Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.					
07 57 13 00-0001			Sprayed Polyurethane Foam Roofing Systems (07 57 13)		
07 57 13 00-0002			Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating (07 57 13 00-0001)		
07 57 13 00-0003			Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.					
07 57 13 00-0004	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	310.62	46.53
07 57 13 00-0005	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	372.58	49.85
07 57 13 00-0006	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	434.56	53.18
07 57 13 00-0007	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	570.79	59.82
07 57 13 00-0008	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	682.41	66.47
07 57 13 00-0009	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	806.35	73.11
07 57 13 00-0010	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	930.28	79.76
07 57 13 00-0011			Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating (07 57 13 00-0010)		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.					
07 57 13 00-0012	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	320.20	46.53
07 57 13 00-0013	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	382.16	49.85
07 57 13 00-0014	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	444.14	53.18
07 57 13 00-0015	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	568.06	59.82
07 57 13 00-0016	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	691.99	66.47
07 57 13 00-0017	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	815.93	73.11
07 57 13 00-0018	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	939.86	79.76
07 57 13 00-0019			Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating (07 57 13 00-0018)		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.					
07 57 13 00-0020	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	343.46	46.53
07 57 13 00-0021	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	403.37	49.85
07 57 13 00-0022	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	463.29	53.18
07 57 13 00-0023	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	587.21	59.82
07 57 13 00-0024	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	762.32	66.47
07 57 13 00-0025	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	896.66	73.11
07 57 13 00-0026	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,030.99	79.76
07 57 13 00-0027			Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating (07 57 13 00-0026)		



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Coated Foamed Roofing			07 57

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0028		Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating (07 57 13 00-0027) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0029	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	350.30	46.53
07 57 13 00-0030	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	417.46	49.85
07 57 13 00-0031	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	484.64	53.18
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	618.96	59.82
07 57 13 00-0033	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	753.29	66.47
07 57 13 00-0034	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	887.63	73.11
07 57 13 00-0035	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,021.96	79.76
07 57 13 00-0036		Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating (07 57 13 00-0027) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0037	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	363.84	46.53
07 57 13 00-0038	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	431.01	49.85
07 57 13 00-0039	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	498.18	53.18
07 57 13 00-0040	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	632.50	59.82
07 57 13 00-0041	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	766.83	66.47
07 57 13 00-0042	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	901.17	73.11
07 57 13 00-0043	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,035.50	79.76
07 57 13 00-0044		Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating (07 57 13 00-0027) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0045	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	374.38	46.53
07 57 13 00-0046	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	441.55	49.85
07 57 13 00-0047	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	508.72	53.18
07 57 13 00-0048	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	643.04	59.82
07 57 13 00-0049	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	777.37	66.47
07 57 13 00-0050	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	911.71	73.11
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,046.04	79.76
07 58		Roll Roofing (07 50)		
07 58 00 00-0001		Prepared Roll Roofing (07 58) Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.		
07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing.....	205.49	29.91
07 59		Membrane Roofing Termination Bar (07 50)		
07 59 00 00-0001		Membrane Roofing Termination Bar (07 59)		
07 59 00 00-0002	LF	Membrane Roofing Termination Bar..... Note: Includes fasteners and caulking.	3.96	1.40
07 60		Flashing and Sheet Metal (07)		
07 61		Sheet Metal Roofing (07 60)		
07 61 13		Standing Seam Sheet Metal Roofing (07 61)		

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0001			Standing Seam Concealed Fastener Roofing (07 61 13)		
07 61 13 00-0002			Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0003	SF		Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	17.05	2.76
			For Steep Roof, Over 6 To 12, Add	1.65	
			For 140 MPH Wind Load, Add	0.78	
			For Up To 1,500, Add	4.26	
			For Panels < 16" Wide, Add	1.87	
			For Up To 5000, Add	1.71	
			For > 5000 To 10000, Add	0.43	
07 61 13 00-0004	SF		Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing.....	18.64	2.99
			For Steep Roof, Over 6 To 12, Add	1.79	
			For Panels <16" Wide, Add	2.03	
			For 140 MPH Wind Load, Add	0.85	
			For Up To 1,500, Add	4.66	
			For >1,500 To 5,000, Add	2.80	
			For >5,000 To 10,000, Add	0.47	
			For Panels < 16" Wide, Add	2.03	
			For Up To 5000, Add	1.86	
			For > 5000 To 10000, Add	0.47	
07 61 13 00-0005	SF		Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	21.72	3.25
			For Steep Roof, Over 6 To 12, Add	1.95	
			For 140 MPH Wind Load, Add	0.96	
			For Up To 1,500, Add	5.43	
			For Panels < 16" Wide, Add	2.29	
			For Up To 5000, Add	2.17	
			For > 5000 To 10000, Add	0.54	
07 61 13 00-0006			Zinc/Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0007	SF		0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	19.71	2.99
			For Steep Roof, Over 6 To 12, Add	1.79	
			For Panels <16" Wide, Add	2.09	
			For 140 MPH Wind Load, Add	0.87	
			For Up To 1,500, Add	4.93	
			For >1,500 To 5,000, Add	2.96	
			For >5,000 To 10,000, Add	0.49	
			For Tin/Copper, Deduct	-0.28	
07 61 13 00-0008	SF		0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	23.40	3.11
			For Steep Roof, Over 6 To 12, Add	1.87	
			For Panels <16" Wide, Add	2.32	
			For 140 MPH Wind Load, Add	0.97	
			For Up To 1,500, Add	5.85	
			For >1,500 To 5,000, Add	3.51	
			For >5,000 To 10,000, Add	0.59	
			For Tin/Copper, Deduct	-0.34	
07 61 13 00-0009	SF		0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	26.34	3.25
			For Steep Roof, Over 6 To 12, Add	1.95	
			For Panels <16" Wide, Add	2.52	
			For 140 MPH Wind Load, Add	1.05	
			For Up To 1,500, Add	6.59	
			For >1,500 To 5,000, Add	3.95	
			For >5,000 To 10,000, Add	0.66	
			For Tin/Copper, Deduct	-0.40	
07 61 13 00-0010	SF		0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	32.39	3.41
			For Steep Roof, Over 6 To 12, Add	2.04	
			For Panels <16" Wide, Add	2.88	
			For 140 MPH Wind Load, Add	1.19	
			For Up To 1,500, Add	8.10	
			For >1,500 To 5,000, Add	4.86	
			For >5,000 To 10,000, Add	0.81	
			For Tin/Copper, Deduct	-0.51	
07 61 13 00-0011			Accessories For Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0012	LF		Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	67.41	5.69
			For Steep Roof, Over 6 To 12, Add	4.27	
			For 140 MPH Wind Load, Add	2.49	
07 61 13 00-0013	LF		Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	41.65	5.69
			For Steep Roof, Over 6 To 12, Add	4.27	
			For 140 MPH Wind Load, Add	1.97	
07 61 13 00-0014	LF		Valley Flashing For Copper Standing Seam Concealed Fastener Roofing.....	91.77	5.69
			For Steep Roof, Over 6 To 12, Add	4.27	
			For 140 MPH Wind Load, Add	2.97	
07 61 13 00-0015	LF		Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	69.34	5.69
			For Steep Roof, Over 6 To 12, Add	4.27	
			For 140 MPH Wind Load, Add	2.52	
07 61 16			Batten Seam Sheet Metal Roofing (07 61)		
07 61 16 00-0001			Copper Batten Seam Concealed Fastener Roofing (07 61 16)		
07 61 16 00-0002			Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		



Thermal And Moisture Protection			07	07
Flashing and Sheet Metal			07 60	
Sheet Metal Roofing			07 61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0003 SF 16 Ounce Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	20.87 1.95 2.25 0.94 5.22 3.13 0.52	3.25
07 61 16 00-0004 SF 18 Ounce Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	22.89 2.05 2.41 1.00 5.72 3.43 0.57	3.42
07 61 16 00-0005 SF 20 Ounce Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	26.32 2.15 2.64 1.10 6.58 3.95 0.66	3.58
07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0007 SF 0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add For Tin/Copper, Deduct	20.89 1.79 2.15 0.89 5.22 3.13 0.52 -0.30	2.99
07 61 16 00-0008 SF 0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add For Tin/Copper, Deduct	25.10 1.87 2.41 1.00 6.28 3.77 0.63 -0.38	3.11
07 61 16 00-0009 SF 0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add For Tin/Copper, Deduct	27.92 1.95 2.60 1.08 6.98 4.19 0.70 -0.43	3.25
07 61 16 00-0010 SF 0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add For Tin/Copper, Deduct	34.42 2.04 2.98 1.23 8.61 5.16 0.86 -0.55	3.41
07 61 19 Flat Seam Sheet Metal Roofing (07 61)		
07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing (07 61 19)		
07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0003 SF 16 Ounce Copper Flat Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	16.55 1.79 1.93 0.81 4.14 2.48 0.41	2.99
07 61 19 00-0004 SF 18 Ounce Copper Flat Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	18.06 1.87 2.06 0.86 4.52 2.71 0.45	3.11
07 61 19 00-0005 SF 20 Ounce Copper Flat Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	20.59 1.95 2.23 0.93 5.15 3.09 0.51	3.25

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 61 19 00-0006	Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0007	SF 0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	18.64	2.99
	For Steep Roof, Over 6 To 12, Add	1.79	
	For Panels <16" Wide, Add	2.03	
	For 140 MPH Wind Load, Add	0.85	
	For Up To 1,500, Add	4.66	
	For >1,500 To 5,000, Add	2.80	
	For >5,000 To 10,000, Add	0.47	
	For Tin/Copper, Deduct	-0.25	
07 61 19 00-0008	SF 0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	22.29	3.11
	For Steep Roof, Over 6 To 12, Add	1.87	
	For Panels <16" Wide, Add	2.27	
	For 140 MPH Wind Load, Add	0.94	
	For Up To 1,500, Add	5.57	
	For >1,500 To 5,000, Add	3.34	
	For >5,000 To 10,000, Add	0.56	
	For Tin/Copper, Deduct	-0.32	
07 61 19 00-0009	SF 0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	24.82	3.25
	For Steep Roof, Over 6 To 12, Add	1.95	
	For Panels <16" Wide, Add	2.45	
	For 140 MPH Wind Load, Add	1.02	
	For Up To 1,500, Add	6.21	
	For >1,500 To 5,000, Add	3.72	
	For >5,000 To 10,000, Add	0.62	
	For Tin/Copper, Deduct	-0.37	
07 61 19 00-0010	SF 0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	30.47	3.41
	For Steep Roof, Over 6 To 12, Add	2.04	
	For Panels <16" Wide, Add	2.78	
	For 140 MPH Wind Load, Add	1.15	
	For Up To 1,500, Add	7.62	
	For >1,500 To 5,000, Add	4.57	
	For >5,000 To 10,000, Add	0.76	
	For Tin/Copper, Deduct	-0.47	

07 62 Sheet Metal Flashing and Trim (07 60)**07 62 13 Fabricated Copings** (07 62)

07 62 13 00-0001	Lead Flashing And Trim (07 62 13)		
07 62 13 00-0002	SF 2.5 LB/SF Sheet Lead Flashing	16.37	4.40
	For Up To 100, Add	4.09	
07 62 13 00-0003	SF 4 LB/SF Sheet Lead Flashing	21.03	4.40
	For Up To 100, Add	5.26	

07 62 13 00-0004 **Copper Flashing And Trim** (07 62 13)

07 62 13 00-0005	Copper Flashing And Trim (07 62 13 00-0004)		
07 62 13 00-0006	SF 16 Ounce, 0.021" Thick, Copper Flashing And Trim	20.65	4.29
	For Up To 100, Add	5.16	
	For >500 To 2,000, Deduct	-2.85	
	For >2,000, Deduct	-3.46	
	For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	1.70	
	For Wrap Around Window Panning, Add	8.49	
07 62 13 00-0007	SF 20 Ounce, 0.027" Thick, Copper Flashing And Trim	21.34	4.40
	For Up To 100, Add	5.34	
	For >500 To 2,000, Deduct	-2.95	
	For >2,000, Deduct	-3.57	
	For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	1.78	
	For Wrap Around Window Panning, Add	8.88	
07 62 13 00-0008	SF 24 Ounce, 0.032" Thick, Copper Flashing And Trim	24.25	4.69
	For Up To 100, Add	6.06	
	For >500 To 2,000, Deduct	-3.34	
	For >2,000, Deduct	-4.09	
	For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	1.86	
	For Wrap Around Window Panning, Add	9.30	
07 62 13 00-0009	SF 32 Ounce, 0.043" Thick, Copper Flashing And Trim	29.71	4.88
	For Up To 100, Add	7.43	
	For >500 To 2,000, Deduct	-4.06	
	For >2,000, Deduct	-5.05	
	For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	1.95	
	For Wrap Around Window Panning, Add	9.77	

07 62 13 00-0010 **Stainless Steel Flashing And Trim** (07 62 13)

07 62 13 00-0011	Stainless Steel Flashing And Trim (07 62 13 00-0010)		
07 62 13 00-0012	SF 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	8.48	2.34
	For Up To 100, Add	2.12	
	For Wrap Around Window Panning, Add	6.03	
	For Mechanically Keyed Flashing, Add	0.98	



Thermal And Moisture Protection			07	07
Flashing and Sheet Metal			07 60	
Sheet Metal Flashing and Trim			07 62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0013	SF		30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim.....	9.19	2.64
			For Up To 100, Add	2.30	
			For Wrap Around Window Panning, Add	6.13	
			For Mechanically Keyed Flashing, Add	1.22	
07 62 13 00-0014	SF		28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim.....	9.89	2.93
			For Up To 100, Add	2.47	
			For Wrap Around Window Panning, Add	6.22	
			For Mechanically Keyed Flashing, Add	1.47	
07 62 13 00-0015	SF		26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim.....	11.01	3.23
			For Up To 100, Add	2.75	
			For Wrap Around Window Panning, Add	6.42	
			For Mechanically Keyed Flashing, Add	1.84	
07 62 13 00-0016	SF		24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim.....	12.90	3.42
			For Up To 100, Add	3.23	
			For Wrap Around Window Panning, Add	6.79	
			For Mechanically Keyed Flashing, Add	2.44	
07 62 13 00-0017	SF		22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim.....	14.08	3.59
			For Up To 100, Add	3.52	
			For Wrap Around Window Panning, Add	7.18	
			For Mechanically Keyed Flashing, Add	2.76	
07 62 13 00-0018	SF		20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim.....	15.08	3.81
			For Up To 100, Add	3.77	
			For Wrap Around Window Panning, Add	7.60	
			For Mechanically Keyed Flashing, Add	2.99	
07 62 13 00-0019			Aluminum Flashing And Trim (07 62 13)		
07 62 13 00-0020			Aluminum Flashing And Trim (07 62 13 00-0019)		
07 62 13 00-0021	SF		0.013" Thick, Mill Finish, Aluminum Flashing And Trim.....	9.62	3.02
			For Up To 100, Add	2.41	
			For Baked Aluminum Colors, Add	0.29	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0022	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim.....	10.26	3.02
			For Up To 100, Add	2.57	
			For Baked Aluminum Colors, Add	0.35	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0023	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim.....	10.75	3.02
			For Up To 100, Add	2.69	
			For Baked Aluminum Colors, Add	0.40	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0024	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim.....	11.48	3.02
			For Up To 100, Add	2.87	
			For Baked Aluminum Colors, Add	0.48	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0025	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim.....	12.49	3.02
			For Up To 100, Add	3.12	
			For Baked Aluminum Colors, Add	0.58	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0026	SF		0.040" Thick, Mill Finish, Aluminum Flashing And Trim.....	13.11	3.02
			For Up To 100, Add	3.28	
			For Baked Aluminum Colors, Add	0.64	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0027	SF		0.050" Thick, Mill Finish, Aluminum Flashing And Trim.....	13.62	3.02
			For Up To 100, Add	3.41	
			For Baked Aluminum Colors, Add	0.69	
			For Wrap Around Window Panning, Add	6.73	
07 62 13 00-0028			Steel Flashing And Trim (07 62 13)		
07 62 13 00-0029			Galvanized Steel Flashing And Trim (07 62 13 00-0028)		
07 62 13 00-0030	SF		28 Gauge, 0.019" Thick, Galvanized Steel Flashing.....	11.17	2.93
			For Up To 100, Add	2.79	
			For Wrap Around Window Panning, Add	6.22	
07 62 13 00-0031	SF		26 Gauge, 0.022" Thick, Galvanized Steel Flashing.....	11.64	3.23
			For Up To 100, Add	2.91	
			For Wrap Around Window Panning, Add	6.42	
07 62 13 00-0032	SF		24 Gauge, 0.028" Thick, Galvanized Steel Flashing.....	12.42	3.42
			For Up To 100, Add	3.11	
			For Wrap Around Window Panning, Add	6.79	
07 62 13 00-0033	SF		22 Gauge, 0.034" Thick, Galvanized Steel Flashing.....	13.22	3.59
			For Up To 100, Add	3.31	
			For Wrap Around Window Panning, Add	7.18	
07 62 13 00-0034	SF		20 Gauge, 0.04" Thick, Galvanized Steel Flashing.....	14.36	3.81
			For Up To 100, Add	3.59	
			For Wrap Around Window Panning, Add	7.60	
07 62 19			Fabricated Gravel Stops and Fasciae (07 62)		
07 62 19 00-0001			Aluminum Drip Edge (07 62 19)		
			Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0002			KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0001)		

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 62 19 00-0003	0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0004	LF Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.63	0.99
07 62 19 00-0005	LF >5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.58	0.99
07 62 19 00-0006	LF >7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.15	0.99
07 62 19 00-0007	LF >9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.27	0.99
07 62 19 00-0008	LF >12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.28	0.99
07 62 19 00-0009	0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0010	LF Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.95	0.99
07 62 19 00-0011	LF >5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.94	0.99
07 62 19 00-0012	LF >7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.68	0.99
07 62 19 00-0013	LF >9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.91	0.99
07 62 19 00-0014	LF >12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.88	0.99
07 62 19 00-0015	0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0016	LF Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.27	0.99
07 62 19 00-0017	LF >5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.36	0.99
07 62 19 00-0018	LF >7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.19	0.99
07 62 19 00-0019	LF >9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.54	0.99
07 62 19 00-0020	LF >12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.73	0.99
07 62 19 00-0021	0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0022	LF Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.90	0.99
07 62 19 00-0023	LF >5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.20	0.99
07 62 19 00-0024	LF >7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.19	0.99
07 62 19 00-0025	LF >9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.81	0.99
07 62 19 00-0026	LF >12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.42	0.99
07 62 19 00-0027	0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0028	LF Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.11	0.99
07 62 19 00-0029	LF >5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.52	0.99
07 62 19 00-0030	LF >7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.53	0.99
07 62 19 00-0031	LF >9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.23	0.99
07 62 19 00-0032	LF >12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.98	0.99
07 62 19 00-0033	0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0034	LF Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.85	0.99
07 62 19 00-0035	LF >5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.47	0.99
07 62 19 00-0036	LF >7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.69	0.99
07 62 19 00-0037	LF >9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.71	0.99
07 62 19 00-0038	LF >12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.95	0.99
07 62 19 00-0039	0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0040	LF Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.91	0.99
07 62 19 00-0041	LF >5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.88	0.99
07 62 19 00-0042	LF >7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.36	0.99
07 62 19 00-0043	LF >9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.83	0.99
07 62 19 00-0044	LF >12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.77	0.99
07 62 19 00-0045	0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0046	LF Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.18	0.99
07 62 19 00-0047	LF >5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.57	0.99
07 62 19 00-0048	LF >7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.37	0.99
07 62 19 00-0049	LF >9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.36	0.99
07 62 19 00-0050	LF >12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.15	0.99
07 62 19 00-0051	Mill Finish, Aluminum Drip Edge (07 62 19 00-0001)		
07 62 19 00-0052	0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0053	LF Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.81	0.99
07 62 19 00-0054	LF >5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	4.47	0.99
07 62 19 00-0055	LF >7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	4.86	0.99
07 62 19 00-0056	LF >9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	5.63	0.99
07 62 19 00-0057	LF >12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	7.02	0.99
07 62 19 00-0058	0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)		
07 62 19 00-0059	LF Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	4.03	0.99
07 62 19 00-0060	LF >5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	4.71	0.99
07 62 19 00-0061	LF >7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	5.22	0.99
07 62 19 00-0062	LF >9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	6.07	0.99



Thermal And Moisture Protection			07
Flashing and Sheet Metal			07 60
Sheet Metal Flashing and Trim			07 62

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MINOR			TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION			UNIT COST		UNIT COST
07 62 19 00-0063	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	7.43		0.99
07 62 19 00-0064		0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)			
07 62 19 00-0065	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	4.25		0.99
07 62 19 00-0066	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	5.00		0.99
07 62 19 00-0067	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	5.57		0.99
07 62 19 00-0068	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	6.51		0.99
07 62 19 00-0069	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	8.02		0.99
07 62 19 00-0070		0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)			
07 62 19 00-0071	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	4.69		0.99
07 62 19 00-0072	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	5.59		0.99
07 62 19 00-0073	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	6.27		0.99
07 62 19 00-0074	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	7.38		0.99
07 62 19 00-0075	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	9.18		0.99
07 62 19 00-0076		0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)			
07 62 19 00-0077	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	4.83		0.99
07 62 19 00-0078	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	5.80		0.99
07 62 19 00-0079	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	6.50		0.99
07 62 19 00-0080	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	7.68		0.99
07 62 19 00-0081	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	9.57		0.99
07 62 19 00-0082		0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)			
07 62 19 00-0083	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	5.34		0.99
07 62 19 00-0084	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	6.46		0.99
07 62 19 00-0085	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	7.30		0.99
07 62 19 00-0086	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	8.70		0.99
07 62 19 00-0087	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	10.93		0.99
07 62 19 00-0088		0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)			
07 62 19 00-0089	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	6.07		0.99
07 62 19 00-0090	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	7.43		0.99
07 62 19 00-0091	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	8.45		0.99
07 62 19 00-0092	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	10.15		0.99
07 62 19 00-0093	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	12.87		0.99
07 62 19 00-0094		0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0051)			
07 62 19 00-0095	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	6.95		0.99
07 62 19 00-0096	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	8.60		0.99
07 62 19 00-0097	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	9.84		0.99
07 62 19 00-0098	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	11.90		0.99
07 62 19 00-0099	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	15.21		0.99
07 62 19 00-0100		Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0001)			
07 62 19 00-0101		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)			
07 62 19 00-0102	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.79		0.99
07 62 19 00-0103	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.80		0.99
07 62 19 00-0104	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.40		0.99
07 62 19 00-0105	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.59		0.99
07 62 19 00-0106	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.72		0.99
07 62 19 00-0107		0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)			
07 62 19 00-0108	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.13		0.99
07 62 19 00-0109	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.17		0.99
07 62 19 00-0110	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.96		0.99
07 62 19 00-0111	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.26		0.99
07 62 19 00-0112	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.35		0.99
07 62 19 00-0113		0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)			
07 62 19 00-0114	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.46		0.99
07 62 19 00-0115	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.62		0.99
07 62 19 00-0116	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.50		0.99
07 62 19 00-0117	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.94		0.99
07 62 19 00-0118	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.25		0.99
07 62 19 00-0119		0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)			
07 62 19 00-0120	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.13		0.99

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0121	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.52	0.99
07 62 19 00-0122	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.56	0.99
07 62 19 00-0123	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.28	0.99
07 62 19 00-0124	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	13.04	0.99
07 62 19 00-0125		0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)		
07 62 19 00-0126	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.36	0.99
07 62 19 00-0127	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.85	0.99
07 62 19 00-0128	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.92	0.99
07 62 19 00-0129	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.73	0.99
07 62 19 00-0130	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	13.64	0.99
07 62 19 00-0131		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)		
07 62 19 00-0132	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.14	0.99
07 62 19 00-0133	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.86	0.99
07 62 19 00-0134	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.15	0.99
07 62 19 00-0135	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.30	0.99
07 62 19 00-0136	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.73	0.99
07 62 19 00-0137		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)		
07 62 19 00-0138	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.26	0.99
07 62 19 00-0139	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.35	0.99
07 62 19 00-0140	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.92	0.99
07 62 19 00-0141	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.54	0.99
07 62 19 00-0142	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.72	0.99
07 62 19 00-0143		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0100)		
07 62 19 00-0144	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.61	0.99
07 62 19 00-0145	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.15	0.99
07 62 19 00-0146	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.05	0.99
07 62 19 00-0147	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.23	0.99
07 62 19 00-0148	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.30	0.99
07 62 19 00-0149		Galvanized Steel Drip Edge (07 62 19)		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0150		Galvanized Steel Drip Edge (07 62 19 00-0149)		
07 62 19 00-0151		26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0152	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	4.84	0.99
07 62 19 00-0153	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	5.81	0.99
07 62 19 00-0154	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	6.51	0.99
07 62 19 00-0155	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	7.69	0.99
07 62 19 00-0156	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	9.59	0.99
07 62 19 00-0157		24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0158	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	5.27	0.99
07 62 19 00-0159	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	6.39	0.99
07 62 19 00-0160	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	7.18	0.99
07 62 19 00-0161	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	8.55	0.99
07 62 19 00-0162	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	10.72	0.99
07 62 19 00-0163		KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0149)		
07 62 19 00-0164		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0163)		
07 62 19 00-0165	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	6.12	0.99
07 62 19 00-0166	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	7.53	0.99
07 62 19 00-0167	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	8.54	0.99
07 62 19 00-0168	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	10.25	0.99
07 62 19 00-0169	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	13.00	0.99
07 62 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0163)		
07 62 19 00-0171	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	6.74	0.99
07 62 19 00-0172	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	8.36	0.99
07 62 19 00-0173	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	9.52	0.99
07 62 19 00-0174	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	11.49	0.99
07 62 19 00-0175	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	14.66	0.99
07 62 19 00-0176		Stainless Steel Drip Edge (07 62 19)		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0177		26 Gauge, Stainless Steel Drip Edge (07 62 19 00-0176)		



Thermal And Moisture Protection			07
Flashing and Sheet Metal			07 60
Sheet Metal Flashing and Trim			07 62

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MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0178	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	5.46	0.99
07 62 19 00-0179	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	6.62	0.99
07 62 19 00-0180	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	7.49	0.99
07 62 19 00-0181	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	8.93	0.99
07 62 19 00-0182	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	11.25	0.99
07 62 19 00-0183		24 Gauge, Stainless Steel Drip Edge (07 62 19 00-0176)		
07 62 19 00-0184	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	6.56	0.99
07 62 19 00-0185	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	8.08	0.99
07 62 19 00-0186	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	9.22	0.99
07 62 19 00-0187	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	11.12	0.99
07 62 19 00-0188	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	14.16	0.99
07 62 19 00-0189		22 Gauge, Stainless Steel Drip Edge (07 62 19 00-0176)		
07 62 19 00-0190	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	7.84	0.99
07 62 19 00-0191	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	9.79	0.99
07 62 19 00-0192	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	11.26	0.99
07 62 19 00-0193	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	13.69	0.99
07 62 19 00-0194	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	17.59	0.99
07 63		Sheet Metal Roofing Specialties (07 60)		
07 63 00 00-0001		Pitch Pockets (07 63)		
		Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	66.55	
		For Pourable Sealer Filled, Add	25.09	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	12.55	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	79.49	
		For Pourable Sealer Filled, Add	56.49	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	28.32	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	96.05	
		For Pourable Sealer Filled, Add	100.37	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	50.07	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	105.30	
		For Pourable Sealer Filled, Add	125.47	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	62.94	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	113.94	
		For Pourable Sealer Filled, Add	150.56	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	75.29	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	132.97	
		For Pourable Sealer Filled, Add	225.84	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	112.23	
07 63 00 00-0009		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	85.70	
		For Pourable Sealer Filled, Add	25.09	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	12.55	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	101.64	
		For Pourable Sealer Filled, Add	56.49	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	28.32	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	122.31	
		For Pourable Sealer Filled, Add	100.37	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	50.07	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	134.84	
		For Pourable Sealer Filled, Add	125.47	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	62.94	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	144.45	
		For Pourable Sealer Filled, Add	150.56	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	75.29	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	165.60	
		For Pourable Sealer Filled, Add	225.84	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	112.23	
07 63 00 00-0016		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	86.25	
		For Pourable Sealer Filled, Add	25.09	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	12.55	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	101.79	
		For Pourable Sealer Filled, Add	56.49	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	28.32	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	116.53	
		For Pourable Sealer Filled, Add	100.37	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	50.07	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 63 Sheet Metal Roofing Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0020 EA 8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	125.47 125.47 62.94	
07 63 00 00-0021 EA 8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	133.71 150.56 75.29	
07 63 00 00-0022 SF 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	151.63 225.84 112.23	
07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout (07 63 00 00-0021) Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024 EA Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	64.59 25.09 12.55	
07 63 00 00-0025 EA Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	72.52 56.49 28.32	
07 63 00 00-0026 EA Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	82.89 100.37 50.07	
07 63 00 00-0027 EA Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	89.66 125.47 62.94	
07 63 00 00-0028 EA Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	96.42 150.56 75.29	
07 63 00 00-0029 SF Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout For Pourable Sealer Filled, Add For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	112.72 225.84 112.23	
07 63 00 00-0030 Lead Pipe Flashing For Roofs (07 63) Note: Includes 6" skirt base.		
07 63 00 00-0031 EA 1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	85.56	26.66
07 63 00 00-0032 EA 1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	85.56	26.66
07 63 00 00-0033 EA 2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	103.64	26.66
07 63 00 00-0034 EA 3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	113.97	26.66
07 63 00 00-0035 EA 4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	119.14	26.66
07 63 00 00-0036 EA 4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	121.72	26.66
07 63 00 00-0037 EA 6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	147.55	26.66
07 63 00 00-0038 EA 8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	159.17	26.66
07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing (07 63)		
07 63 00 00-0040 EA 2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	63.13	17.22
07 63 00 00-0041 EA 3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	63.73	17.22
07 63 00 00-0042 EA 4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	65.92	17.22
07 63 00 00-0043 EA 6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	67.81	17.22
07 65 Flexible Flashing (07 60)		
07 65 16 Modified Bituminous Sheet Flashing (07 65)		
07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems (07 65 16) See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002 SF 60 Mil, Urethane Elastomer Liquid Applied Flashing	11.70	1.96
Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.		
07 65 19 Plastic Sheet Flashing (07 65)		
07 65 19 00-0001 Plastic Flashing And Trim (07 65 19)		
07 65 19 00-0002 Neoprene Flashing (07 65 19 00-0001)		
07 65 19 00-0003 60 Mil Thick (07 65 19 00-0002)		
07 65 19 00-0004 LF 6" Wide Strip, 60 Mil, Neoprene Flashing	7.83	2.69
07 65 19 00-0005 LF 12" Wide Strip, 60 Mil, Neoprene Flashing	10.01	2.89
07 65 19 00-0006 LF 18" Wide Strip, 60 Mil, Neoprene Flashing	12.50	3.19
07 65 19 00-0007 LF 24" Wide Strip, 60 Mil, Neoprene Flashing	15.15	3.59
07 65 33 Flexible Roof Boot (07 65)		
07 65 33 00-0001 Neoprene Roof Boot (07 65 33)		
07 65 33 00-0002 EA 2" Diameter Pipe, Neoprene Roof Boot	36.04	8.28
07 65 33 00-0003 EA 3" Diameter Pipe, Neoprene Roof Boot	42.12	9.27
07 65 33 00-0004 EA 4" Diameter Pipe, Neoprene Roof Boot	46.58	9.97



Thermal And Moisture Protection			07
Flashing and Sheet Metal			07 60
Flexible Flashing			07 65

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 70 Roof and Wall Specialties and Accessories ⁽⁰⁷⁾

07 71 Roof Specialties ^(07 70)

07 71 13 Manufactured Copings ^(07 71)

07 71 13 00-0001 Galvanized Steel Copings ^(07 71 13)

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats ^(07 71 13 00-0001)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	22.82	2.15
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	24.11	2.33
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	27.39	2.45
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	31.74	2.69
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	38.13	2.81

07 71 13 00-0008 Aluminum Copings ^(07 71 13)

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0009)

07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	18.33	2.15
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	19.59	2.33
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	22.70	2.45
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	26.99	2.69
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.26	2.81

07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0009)

07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	19.81	2.15
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	21.16	2.33
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	24.56	2.45
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.24	2.69
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	36.12	2.81

07 71 13 00-0022 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0009)

07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	21.02	2.15
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	22.56	2.33
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	26.88	2.45
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.39	2.69
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	42.83	2.81

07 71 13 00-0028 KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0029 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0028)

07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	24.97	2.15
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	26.65	2.33
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	31.08	2.45
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	37.12	2.69
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.13	2.81

07 71 13 00-0035 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats ^(07 71 13 00-0028)

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	27.11	2.15
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	28.93	2.33
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	33.78	2.45
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	40.38	2.69
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	50.27	2.81
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	28.86	2.15
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	30.96	2.33
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	37.13	2.45
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	46.39	2.69
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	60.00	2.81
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008) Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	26.25	2.15
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	28.02	2.33
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	32.70	2.45
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	39.07	2.69
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	48.61	2.81
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	28.52	2.15
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	30.43	2.33
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	35.56	2.45
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	42.53	2.69
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	53.01	2.81
07 71 13 00-0060		0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	30.38	2.15
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	32.59	2.33
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	39.12	2.45
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	48.91	2.69
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	63.32	2.81
07 71 13 00-0066		Remove And Reinstall Metal Coping (07 71 13)		
07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping.....	6.79	
07 71 19		Manufactured Gravel Stops and Fasciae (07 71)		
07 71 19 00-0001		Gravel Stop (07 71 19)		
07 71 19 00-0002		Aluminum Gravel Stop (07 71 19 00-0001)		



Thermal And Moisture Protection		07
Roof and Wall Specialties and Accessories		07 70
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MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
07 71 19 00-0003	Aluminum Gravel Stop (07 71 19 00-0002)				
07 71 19 00-0004	KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)				
07 71 19 00-0005	0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)				
07 71 19 00-0006	LF 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	15.49		1.80	
07 71 19 00-0007	LF >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	15.71		1.86	
07 71 19 00-0008	LF >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	15.99		1.92	
07 71 19 00-0009	0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)				
07 71 19 00-0010	LF 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	16.37		1.80	
07 71 19 00-0011	LF >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	16.62		1.86	
07 71 19 00-0012	LF >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	16.95		1.92	
07 71 19 00-0013	0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)				
07 71 19 00-0014	LF 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	17.51		1.80	
07 71 19 00-0015	LF >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	17.72		1.86	
07 71 19 00-0016	LF >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	18.16		1.92	
07 71 19 00-0017	0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)				
07 71 19 00-0018	LF 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	18.29		1.80	
07 71 19 00-0019	LF >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	18.52		1.86	
07 71 19 00-0020	LF >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	19.01		1.92	
07 71 19 00-0021	Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)				
07 71 19 00-0022	0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)				
07 71 19 00-0023	LF 4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	10.64		1.80	
07 71 19 00-0024	LF >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	11.10		1.86	
07 71 19 00-0025	LF >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	11.60		1.92	
07 71 19 00-0026	0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)				
07 71 19 00-0027	LF 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	11.36		1.80	
07 71 19 00-0028	LF >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	11.73		1.86	
07 71 19 00-0029	LF >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	12.09		1.92	
07 71 19 00-0030	0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)				
07 71 19 00-0031	LF 4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	12.09		1.80	
07 71 19 00-0032	LF >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	12.46		1.86	
07 71 19 00-0033	LF >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	12.88		1.92	
07 71 19 00-0034	0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)				
07 71 19 00-0035	LF 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	12.88		1.80	
07 71 19 00-0036	LF >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	13.19		1.86	
07 71 19 00-0037	LF >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	13.47		1.92	
07 71 19 00-0038	Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)				
07 71 19 00-0039	0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)				
07 71 19 00-0040	LF 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	18.19		1.80	
07 71 19 00-0041	LF >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	18.52		1.86	
07 71 19 00-0042	LF >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	18.84		1.92	
07 71 19 00-0043	0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)				
07 71 19 00-0044	LF 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	19.24		1.80	
07 71 19 00-0045	LF >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	19.62		1.86	
07 71 19 00-0046	LF >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	19.99		1.92	
07 71 19 00-0047	0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)				
07 71 19 00-0048	LF 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	20.61		1.80	
07 71 19 00-0049	LF >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	20.93		1.86	
07 71 19 00-0050	LF >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	21.20		1.92	
07 71 19 00-0051	0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)				
07 71 19 00-0052	LF 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	21.54		1.80	
07 71 19 00-0053	LF >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	21.90		1.86	
07 71 19 00-0054	LF >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	22.20		1.92	

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 71	Roof Specialties



MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0002) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	19.46	2.99
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	20.24	3.09
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	21.21	3.19
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	20.34	2.99
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	21.16	3.09
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	22.17	3.19
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	21.48	2.99
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	22.25	3.09
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	23.39	3.19
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	22.26	2.99
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	23.06	3.09
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	24.24	3.19
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.28	2.99
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.88	3.09
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	16.65	3.19
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.88	2.99
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	16.51	3.09
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	17.31	3.19
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	16.67	2.99
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	17.26	3.09
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	18.10	3.19
07 71 19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	17.20	2.99
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	17.82	3.09
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	18.69	3.19
07 71 19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	22.16	2.99



Thermal And Moisture Protection			07
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MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	23.06	3.09
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	24.06	3.19
07 71 19 00-0095		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	23.21	2.99
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	24.15	3.09
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	25.21	3.19
07 71 19 00-0099		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	24.58	2.99
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	25.47	3.09
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	26.42	3.19
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	25.51	2.99
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	26.43	3.09
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	27.43	3.19
07 71 19 00-0107		Stainless Steel Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0108		Stainless Steel Gravel Stop (07 71 19 00-0107)		
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	10.68	1.80
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	13.21	1.86
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	18.45	1.92
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	12.74	1.80
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	15.95	1.86
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	22.56	1.92
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	14.93	1.80
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	18.86	1.86
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	26.94	1.92
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0107) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	14.47	2.99
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	17.50	3.09
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	23.36	3.19
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	16.53	2.99
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	20.24	3.09
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	27.47	3.19
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	18.71	2.99
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	23.16	3.09
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	31.84	3.19
07 71 19 00-0134		Galvanized Steel Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0135		Galvanized Steel Gravel Stop (07 71 19 00-0134)		

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07 70	Roof and Wall Specialties and Accessories
07 71	Roof Specialties



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07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0135)		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0136)		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	16.19	1.80
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	16.39	1.86
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	16.76	1.92
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134)		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	20.49	2.99
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	21.36	3.09
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	22.55	3.19
07 71 19 00-0147		Copper Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0148		Copper Gravel Stop (07 71 19 00-0147)		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	45.59	1.80
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	51.64	1.86
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	59.31	1.92
07 71 19 00-0153		16 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	55.55	1.80
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	63.82	1.86
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	72.59	1.92
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147)		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	49.42	2.99
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	55.99	3.09
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	64.29	3.19
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	59.38	2.99
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	68.17	3.09
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	77.58	3.19
07 71 19 00-0166		Fascia (07 71 19)		
07 71 19 00-0167		Snap-On Cover Fascia (07 71 19 00-0166)		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0168)		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0169)		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	20.92	2.49
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	23.32	2.59
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	24.90	2.69
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0169)		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	131.54	3.49
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	140.25	3.49
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	145.72	3.49



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07 71 19 00-0179	Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0180	EA Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	107.81	3.49
07 71 19 00-0181	EA Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	112.21	3.49
07 71 19 00-0182	EA Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	114.89	3.49
07 71 19 00-0183	Aluminum Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0184	KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0185	0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0186	LF 3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	19.62	2.49
07 71 19 00-0187	LF >5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	22.13	2.59
07 71 19 00-0188	LF >7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	23.47	2.69
07 71 19 00-0189	0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0190	LF 3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	20.57	2.49
07 71 19 00-0191	LF >5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	23.36	2.59
07 71 19 00-0192	LF >7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	24.85	2.69
07 71 19 00-0193	Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		
07 71 19 00-0194	Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195	EA Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	123.46	3.49
07 71 19 00-0196	EA Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	133.81	3.49
07 71 19 00-0197	EA Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	138.33	3.49
07 71 19 00-0198	Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199	EA Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	97.96	3.49
07 71 19 00-0200	EA Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	103.11	3.49
07 71 19 00-0201	EA Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	105.37	3.49
07 71 19 00-0202	Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203	0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0204	LF 3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	22.54	2.49
07 71 19 00-0205	LF >5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	25.52	2.59
07 71 19 00-0206	LF >7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	27.09	2.69
07 71 19 00-0207	0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0208	LF 3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	23.69	2.49
07 71 19 00-0209	LF >5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	26.99	2.59
07 71 19 00-0210	LF >7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.74	2.69

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07 70	Roof and Wall Specialties and Accessories
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07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0202)		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	152.58	3.49
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	165.51	3.49
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	171.17	3.49
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	120.70	3.49
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	127.14	3.49
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	129.96	3.49
07 71 23		Manufactured Gutters and Downspouts (07 71)		
		Note: Includes all necessary support straps.		
07 71 23 00-0001		Aluminum Gutters And Downspouts (07 71 23)		
07 71 23 00-0002		Aluminum Gutters (07 71 23 00-0001)		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	8.39	3.61
		For Up To 100', Add	1.73	
		For >100' To 250', Add	0.72	
		For >1,000', Deduct	-0.60	
		For Kynar 500® Finish, Add	1.09	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	9.35	3.81
		For Up To 100', Add	1.87	
		For >100' To 250', Add	0.78	
		For >1,000', Deduct	-0.63	
		For Kynar 500® Finish, Add	1.40	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	8.74	3.61
		For Up To 100', Add	1.77	
		For >100' To 250', Add	0.74	
		For >1,000', Deduct	-0.60	
		For Kynar 500® Finish, Add	1.25	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	9.80	3.81
		For Up To 100', Add	1.92	
		For >100' To 250', Add	0.80	
		For >1,000', Deduct	-0.63	
		For Kynar 500® Finish, Add	1.60	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	18.20	4.00
		For Up To 100', Add	2.83	
		For >100' To 250', Add	1.25	
		For >1,000', Deduct	-0.67	
		For Kynar 500® Finish, Add	5.16	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	19.96	4.50
		For Up To 100', Add	3.11	
		For >100' To 250', Add	1.37	
		For >1,000', Deduct	-0.74	
		For Kynar 500® Finish, Add	5.64	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	22.38	4.50
		For Up To 100', Add	3.35	
		For >100' To 250', Add	1.49	
		For >1,000', Deduct	-0.74	
		For Kynar 500® Finish, Add	6.73	
07 71 23 00-0011		Half Round Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	15.40	3.61
		For Up To 100', Add	2.43	
		For >100' To 250', Add	1.07	
		For >1,000', Deduct	-0.60	
		For Kynar 500® Finish, Add	4.25	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	18.54	3.81
		For Up To 100', Add	2.79	
		For >100' To 250', Add	1.24	
		For >1,000', Deduct	-0.63	
		For Kynar 500® Finish, Add	5.53	
07 71 23 00-0014		Box Style Aluminum Gutters (07 71 23 00-0002)		



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07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter For Up To 100', Add For >100' To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add	16.18 2.73 1.18 -0.74 3.94	4.50
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter For Up To 100', Add For >100' To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add	16.22 2.74 1.18 -0.74 3.96	4.50
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter For Up To 100', Add For >100' To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add	18.88 3.07 1.34 -0.79 4.94	4.79
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter For Up To 100', Add For >100' To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add	21.32 3.39 1.49 -0.84 5.81	5.08
07 71 23 00-0019		Aluminum Gutter End Caps (07 71 23 00-0001)		
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)		
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	2.80 0.38	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	3.49 0.69	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	7.67 2.57	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	8.94 3.14	
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap For Kynar 500® Finish, Add	4.56 1.17	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap For Kynar 500® Finish, Add	7.09 2.31	
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	8.37 2.88	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	9.10 3.21	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap For Kynar 500® Finish, Add	10.70 3.93	
07 71 23 00-0032		Aluminum Gutter Miters (07 71 23 00-0001) Note: Inside or outside miters.		
07 71 23 00-0033		K-Style, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter For Kynar 500® Finish, Add	16.54 3.01	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter For Kynar 500® Finish, Add	22.11 5.20	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter For Kynar 500® Finish, Add	66.88 25.04	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter For Kynar 500® Finish, Add	72.60 27.27	
07 71 23 00-0038		Half Round, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter For Kynar 500® Finish, Add	28.80 8.52	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter For Kynar 500® Finish, Add	45.44 15.70	
07 71 23 00-0041		Box Style, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter For Kynar 500® Finish, Add	54.16 19.62	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter For Kynar 500® Finish, Add	80.79 31.30	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter For Kynar 500® Finish, Add	87.75 34.08	
07 71 23 00-0045		Aluminum Gutter Wire Strainers (07 71 23 00-0001)		

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07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	10.98	2.44
		For Kynar 500® Finish, Add	2.66	
		For 0.024" Thick, Add	0.83	
		For 0.027" Thick, Add	1.71	
		For 0.031" Thick, Add	2.48	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	15.95	2.44
		For Kynar 500® Finish, Add	4.89	
		For 0.024" Thick, Add	1.52	
		For 0.027" Thick, Add	3.15	
		For 0.031" Thick, Add	4.57	
07 71 23 00-0048		Aluminum Downspouts (07 71 23 00-0001)		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		Round Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	5.87	2.34
		For Up To 100', Add	0.97	
		For >100 To 250', Add	0.42	
		For >1,000', Deduct	-0.25	
		For Kynar 500® Finish, Add	1.50	
		For 0.024" Thick, Add	0.47	
		For 0.027" Thick, Add	0.97	
		For 0.031" Thick, Add	1.40	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	6.65	2.34
		For Up To 100', Add	1.05	
		For >100 To 250', Add	0.46	
		For >1,000', Deduct	-0.25	
		For Kynar 500® Finish, Add	1.85	
		For 0.024" Thick, Add	0.58	
		For 0.027" Thick, Add	1.19	
		For 0.031" Thick, Add	1.73	
07 71 23 00-0052		Rectangular Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	4.25	2.34
		For Up To 100', Add	0.81	
		For >100 To 250', Add	0.34	
		For >1,000', Deduct	-0.25	
		For Kynar 500® Finish, Add	0.77	
		For 0.024" Thick, Add	0.24	
		For 0.027" Thick, Add	0.50	
		For 0.031" Thick, Add	0.72	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	5.24	2.34
		For Up To 100', Add	0.91	
		For >100 To 250', Add	0.39	
		For >1,000', Deduct	-0.25	
		For Kynar 500® Finish, Add	1.22	
		For 0.024" Thick, Add	0.38	
		For 0.027" Thick, Add	0.78	
		For 0.031" Thick, Add	1.13	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	9.42	2.34
		For Up To 100', Add	1.32	
		For >100 To 250', Add	0.60	
		For >1,000', Deduct	-0.25	
		For Kynar 500® Finish, Add	3.10	
		For 0.024" Thick, Add	0.96	
		For 0.027" Thick, Add	2.00	
		For 0.031" Thick, Add	2.89	
07 71 23 00-0056		Aluminum Devices (07 71 23 00-0001)		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	176.40	22.43
		For Kynar 500® Finish, Add	45.73	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	194.80	24.93
		For Kynar 500® Finish, Add	65.23	
07 71 23 00-0059		Copper Gutters And Downspouts (07 71 23)		
07 71 23 00-0060		Copper Gutters (07 71 23 00-0059)		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		K-Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	16.53	3.42
		For Up To 100', Add	2.50	
		For >100' To 250', Add	1.11	
		For >1,000', Deduct	-0.57	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	23.60	3.61
		For Up To 100', Add	3.25	
		For >100' To 250', Add	1.48	
		For >1,000', Deduct	-0.60	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	28.23	3.81
		For Up To 100', Add	3.76	
		For >100' To 250', Add	1.72	
		For >1,000', Deduct	-0.63	



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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter		29.95	3.61
		For Up To 100', Add	.....	3.89	
		For >100' To 250', Add	.....	1.80	
		For >1,000', Deduct	.....	-0.60	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	.....	37.22	3.81
		For Up To 100', Add	.....	4.66	
		For >100' To 250', Add	.....	2.17	
		For >1,000', Deduct	.....	-0.63	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	.....	43.42	4.00
		For Up To 100', Add	.....	5.35	
		For >100' To 250', Add	.....	2.51	
		For >1,000', Deduct	.....	-0.67	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	.....	48.29	4.50
		For Up To 100', Add	.....	5.94	
		For >100' To 250', Add	.....	2.79	
		For >1,000', Deduct	.....	-0.74	
07 71 23 00-0069 Half Round Copper Gutters (07 71 23 00-0060)					
07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	.....	20.30	3.61
		For Up To 100', Add	.....	2.92	
		For >100' To 250', Add	.....	1.31	
		For >1,000', Deduct	.....	-0.60	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	.....	25.77	3.81
		For Up To 100', Add	.....	3.51	
		For >100' To 250', Add	.....	1.60	
		For >1,000', Deduct	.....	-0.63	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	.....	43.48	4.00
		For Up To 100', Add	.....	5.36	
		For >100' To 250', Add	.....	2.51	
		For >1,000', Deduct	.....	-0.67	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	.....	23.77	3.61
		For Up To 100', Add	.....	3.27	
		For >100' To 250', Add	.....	1.49	
		For >1,000', Deduct	.....	-0.60	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	.....	29.45	3.81
		For Up To 100', Add	.....	3.88	
		For >100' To 250', Add	.....	1.79	
		For >1,000', Deduct	.....	-0.63	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	.....	45.73	4.00
		For Up To 100', Add	.....	5.58	
		For >100' To 250', Add	.....	2.62	
		For >1,000', Deduct	.....	-0.67	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	.....	51.98	4.50
		For Up To 100', Add	.....	6.31	
		For >100' To 250', Add	.....	2.97	
		For >1,000', Deduct	.....	-0.74	
07 71 23 00-0077 Box Style Copper Gutters (07 71 23 00-0060)					
07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	.....	23.27	4.10
		For Up To 100', Add	.....	3.35	
		For >100' To 250', Add	.....	1.51	
		For >1,000', Deduct	.....	-0.68	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	.....	24.98	4.50
		For Up To 100', Add	.....	3.61	
		For >100' To 250', Add	.....	1.62	
		For >1,000', Deduct	.....	-0.74	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	.....	30.38	4.79
		For Up To 100', Add	.....	4.22	
		For >100' To 250', Add	.....	1.91	
		For >1,000', Deduct	.....	-0.79	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	.....	31.00	5.08
		For Up To 100', Add	.....	4.36	
		For >100' To 250', Add	.....	1.97	
		For >1,000', Deduct	.....	-0.84	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	.....	26.65	4.10
		For Up To 100', Add	.....	3.69	
		For >100' To 250', Add	.....	1.67	
		For >1,000', Deduct	.....	-0.68	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	.....	28.37	4.50
		For Up To 100', Add	.....	3.95	
		For >100' To 250', Add	.....	1.79	
		For >1,000', Deduct	.....	-0.74	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	.....	33.76	4.79
		For Up To 100', Add	.....	4.56	
		For >100' To 250', Add	.....	2.08	
		For >1,000', Deduct	.....	-0.79	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	.....	34.39	5.08
		For Up To 100', Add	.....	4.70	
		For >100' To 250', Add		2.14	
		For >1,000', Deduct		-0.84	
07 71 23 00-0086 Copper Gutter End Caps (07 71 23 00-0059)					

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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0087		K-Style, Copper Gutter End Caps (07 71 23 00-0086)			
07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap.....	5.70		
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap.....	6.12		
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap.....	6.53		
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap.....	17.61		
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap.....	21.50		
07 71 23 00-0093		Half Round, Copper Gutter End Caps (07 71 23 00-0086)			
07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap.....	6.93		
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap.....	7.81		
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap.....	11.86		
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap.....	36.00		
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap.....	42.55		
07 71 23 00-0099		Box Style, Copper Gutter End Caps (07 71 23 00-0086)			
07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap.....	13.46		
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap.....	14.14		
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap.....	14.81		
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap.....	16.17		
07 71 23 00-0104		Copper Gutter Miters (07 71 23 00-0059)			
Note: Inside or outside miters.					
07 71 23 00-0105		K-Style, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter.....	36.93		
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter.....	41.89		
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter.....	60.59		
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter.....	86.00		
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter.....	100.99		
07 71 23 00-0111		Half Round, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter.....	58.09		
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter.....	53.61		
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter.....	77.55		
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter.....	92.59		
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter.....	109.51		
07 71 23 00-0117		Box Style, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter.....	63.91		
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter.....	65.95		
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter.....	72.04		
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter.....	73.44		
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter.....	70.67		
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter.....	72.72		
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter.....	78.81		
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter.....	86.35		
07 71 23 00-0126		Copper Gutter Wire Strainers (07 71 23 00-0059)			
07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer.....	14.01	2.44	
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer.....	16.95	2.44	
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer.....	26.53	2.44	
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer.....	34.87	2.44	
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer.....	41.86	2.44	
07 71 23 00-0132		Copper Downspouts (07 71 23 00-0059)			
Note: Includes elbows, hangers and fasteners.					
07 71 23 00-0133		Round Copper Downspouts (07 71 23 00-0132)			
07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout.....	23.99	2.34	
		For Up To 100', Add	2.78		
		For >100 To 250', Add	1.33		
		For >1,000', Deduct	-0.25		
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout.....	16.67	2.34	
		For Up To 100', Add	2.05		
		For >100 To 250', Add	0.96		
		For >1,000', Deduct	-0.25		
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout.....	21.05	2.34	
		For Up To 100', Add	2.49		
		For >100 To 250', Add	1.18		
		For >1,000', Deduct	-0.25		
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout.....	33.71	2.34	
		For Up To 100', Add	3.75		
		For >100 To 250', Add	1.81		
		For >1,000', Deduct	-0.25		



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07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout.....	43.39	2.34	
		For Up To 100'; Add	4.72		
		For >100 To 250'; Add	2.30		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout.....	22.60	2.34	
		For Up To 100'; Add	2.64		
		For >100 To 250'; Add	1.26		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout.....	29.36	2.34	
		For Up To 100'; Add	3.32		
		For >100 To 250'; Add	1.60		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout.....	44.70	2.34	
		For Up To 100'; Add	4.85		
		For >100 To 250'; Add	2.36		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0142		Square Copper Downspouts (07 71 23 00-0132)			
07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout.....	11.50	2.34	
		For Up To 100'; Add	1.53		
		For >100 To 250'; Add	0.70		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout.....	14.41	2.34	
		For Up To 100'; Add	1.82		
		For >100 To 250'; Add	0.85		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout.....	20.69	2.34	
		For Up To 100'; Add	2.45		
		For >100 To 250'; Add	1.16		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout.....	13.30	2.34	
		For Up To 100'; Add	1.71		
		For >100 To 250'; Add	0.79		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout.....	16.93	2.34	
		For Up To 100'; Add	2.07		
		For >100 To 250'; Add	0.97		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout.....	24.38	2.34	
		For Up To 100'; Add	2.82		
		For >100 To 250'; Add	1.35		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0149		Rectangular Copper Downspouts (07 71 23 00-0132)			
07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout.....	17.12	2.34	
		For Up To 100'; Add	2.09		
		For >100 To 250'; Add	0.98		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout.....	21.69	2.34	
		For Up To 100'; Add	2.55		
		For >100 To 250'; Add	1.21		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout.....	30.91	2.34	
		For Up To 100'; Add	3.47		
		For >100 To 250'; Add	1.67		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout.....	19.96	2.34	
		For Up To 100'; Add	2.38		
		For >100 To 250'; Add	1.13		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout.....	25.63	2.34	
		For Up To 100'; Add	2.94		
		For >100 To 250'; Add	1.41		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout.....	36.85	2.34	
		For Up To 100'; Add	4.07		
		For >100 To 250'; Add	1.97		
		For >1,000'; Deduct	-0.25		
07 71 23 00-0156		Copper Devices And Accessories (07 71 23 00-0059)			
07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet.....	196.88	22.43	
07 71 23 00-0158	EA	Copper Leader/Conductor Head.....	282.30	24.93	
07 71 23 00-0159	EA	Copper Eave Box.....	124.26	14.65	
07 71 23 00-0160		Galvanized Steel Gutters And Downspouts (07 71 23)			
07 71 23 00-0161		Galvanized Steel Gutters (07 71 23 00-0160)			
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.			
07 71 23 00-0162		K-Style Galvanized Steel Gutters (07 71 23 00-0161)			

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07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter.....	10.18	3.61	
		For Up To 100', Add	1.91		
		For >100' To 250', Add	0.81		
		For >1,000', Deduct	-0.60		
		For Kynar 500® Finish, Add	1.90		
		For 24 Gauge, Add	0.63		
		For 22 Gauge, Add	1.48		
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter.....	11.76	3.81	
		For Up To 100', Add	2.11		
		For >100' To 250', Add	0.90		
		For >1,000', Deduct	-0.63		
		For Kynar 500® Finish, Add	2.48		
		For 24 Gauge, Add	0.83		
		For 22 Gauge, Add	1.93		
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter.....	23.67	4.00	
		For Up To 100', Add	3.38		
		For >100' To 250', Add	1.52		
		For >1,000', Deduct	-0.67		
		For Kynar 500® Finish, Add	7.62		
		For 24 Gauge, Add	2.54		
		For 22 Gauge, Add	5.93		
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter.....	25.01	4.50	
		For Up To 100', Add	3.61		
		For >100' To 250', Add	1.62		
		For >1,000', Deduct	-0.74		
		For Kynar 500® Finish, Add	7.92		
		For 24 Gauge, Add	2.64		
		For 22 Gauge, Add	6.16		
07 71 23 00-0167 Half Round Galvanized Steel Gutters (07 71 23 00-0161)					
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	14.54	3.61	
		For Up To 100', Add	2.35		
		For >100' To 250', Add	1.03		
		For >1,000', Deduct	-0.60		
		For Kynar 500® Finish, Add	3.86		
		For 24 Gauge, Add	1.29		
		For 22 Gauge, Add	3.00		
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	18.18	3.81	
		For Up To 100', Add	2.76		
		For >100' To 250', Add	1.22		
		For >1,000', Deduct	-0.63		
		For Kynar 500® Finish, Add	5.37		
		For 24 Gauge, Add	1.79		
		For 22 Gauge, Add	4.18		
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	44.72	4.00	
		For Up To 100', Add	5.48		
		For >100' To 250', Add	2.57		
		For >1,000', Deduct	-0.67		
		For Kynar 500® Finish, Add	17.10		
		For 24 Gauge, Add	5.70		
		For 22 Gauge, Add	13.30		
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	47.74	4.50	
		For Up To 100', Add	5.89		
		For >100' To 250', Add	2.76		
		For >1,000', Deduct	-0.74		
		For Kynar 500® Finish, Add	18.14		
		For 24 Gauge, Add	6.05		
		For 22 Gauge, Add	14.11		
07 71 23 00-0172 Box Style Galvanized Steel Gutters (07 71 23 00-0161)					
07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	17.36	4.10	
		For Up To 100', Add	2.76		
		For >100' To 250', Add	1.21		
		For >1,000', Deduct	-0.68		
		For Kynar 500® Finish, Add	4.73		
		For 22 Gauge, Add	1.58		
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	20.30	4.50	
		For Up To 100', Add	3.14		
		For >100' To 250', Add	1.39		
		For >1,000', Deduct	-0.74		
		For Kynar 500® Finish, Add	5.80		
		For 22 Gauge, Add	1.93		
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	25.35	4.00	
		For Up To 100', Add	3.54		
		For >100' To 250', Add	1.60		
		For >1,000', Deduct	-0.67		
		For Kynar 500® Finish, Add	8.38		
		For 22 Gauge, Add	2.79		
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	28.27	5.08	
		For Up To 100', Add	4.09		
		For >100' To 250', Add	1.83		
		For >1,000', Deduct	-0.84		
		For Kynar 500® Finish, Add	8.94		
		For 22 Gauge, Add	2.98		



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0177 Galvanized Steel Gutter End Caps (07 71 23 00-0160)		
07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0179 EA 5", K-Style Galvanized Steel Gutter End Cap	4.49	
For Kynar 500® Finish, Add	1.14	
07 71 23 00-0180 EA 6", K-Style Galvanized Steel Gutter End Cap	5.15	
For Kynar 500® Finish, Add	1.44	
07 71 23 00-0181 EA 7", K-Style Galvanized Steel Gutter End Cap	11.05	
For Kynar 500® Finish, Add	4.09	
07 71 23 00-0182 EA 8", K-Style Galvanized Steel Gutter End Cap	15.99	
For Kynar 500® Finish, Add	6.31	
07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0184 EA 5", Half Round Galvanized Steel Gutter End Cap	5.74	
For Kynar 500® Finish, Add	1.70	
07 71 23 00-0185 EA 6", Half Round Galvanized Steel Gutter End Cap	6.59	
For Kynar 500® Finish, Add	2.08	
07 71 23 00-0186 EA 7", Half Round Galvanized Steel Gutter End Cap	12.18	
For Kynar 500® Finish, Add	4.60	
07 71 23 00-0187 EA 8", Half Round Galvanized Steel Gutter End Cap	16.43	
For Kynar 500® Finish, Add	6.51	
07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0189 EA 5", Box Style Galvanized Steel Gutter End Cap	10.21	
For Kynar 500® Finish, Add	3.71	
07 71 23 00-0190 EA 6", Box Style Galvanized Steel Gutter End Cap	12.27	
For Kynar 500® Finish, Add	4.64	
07 71 23 00-0191 EA 7", Box Style Galvanized Steel Gutter End Cap	13.73	
For Kynar 500® Finish, Add	5.30	
07 71 23 00-0192 EA 8", Box Style Galvanized Steel Gutter End Cap	18.36	
For Kynar 500® Finish, Add	7.38	
07 71 23 00-0193 Galvanized Steel Gutter Miters (07 71 23 00-0160)		
Note: Inside or outside miters.		
07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0195 EA 5", K-Style Galvanized Steel Gutter Miter	26.99	
For Kynar 500® Finish, Add	7.71	
07 71 23 00-0196 EA 6", K-Style Galvanized Steel Gutter Miter	43.32	
For Kynar 500® Finish, Add	14.75	
07 71 23 00-0197 EA 7", K-Style Galvanized Steel Gutter Miter	68.87	
For Kynar 500® Finish, Add	25.94	
07 71 23 00-0198 EA 8", K-Style Galvanized Steel Gutter Miter	77.37	
For Kynar 500® Finish, Add	29.41	
07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0200 EA 5", Half Round Galvanized Steel Gutter Miter	36.67	
For Kynar 500® Finish, Add	12.06	
07 71 23 00-0201 EA 6", Half Round Galvanized Steel Gutter Miter	41.18	
For Kynar 500® Finish, Add	13.78	
07 71 23 00-0202 EA 7", Half Round Galvanized Steel Gutter Miter	115.40	
For Kynar 500® Finish, Add	46.88	
07 71 23 00-0203 EA 8", Half Round Galvanized Steel Gutter Miter	121.97	
For Kynar 500® Finish, Add	49.48	
07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0205 EA 5", Box Style Galvanized Steel Gutter Miter	34.74	
For Kynar 500® Finish, Add	11.20	
07 71 23 00-0206 EA 6", Box Style Galvanized Steel Gutter Miter	56.14	
For Kynar 500® Finish, Add	20.52	
07 71 23 00-0207 EA 7", Box Style Galvanized Steel Gutter Miter	72.73	
For Kynar 500® Finish, Add	27.68	
07 71 23 00-0208 EA 8", Box Style Galvanized Steel Gutter Miter	77.37	
For Kynar 500® Finish, Add	29.41	
07 71 23 00-0209 Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)		
07 71 23 00-0210 EA 3" Diameter, Round Galvanized Steel Wire Strainer	9.78	2.44
For Kynar 500® Finish, Add	2.12	
07 71 23 00-0211 EA 4" Diameter, Round Galvanized Steel Wire Strainer	13.78	2.44
For Kynar 500® Finish, Add	3.92	
07 71 23 00-0212 Galvanized Steel Downspouts (07 71 23 00-0160)		
Note: Includes elbows, hangers and fasteners.		

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07 71 23 00-0213			Round Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0214	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	5.62	2.34
			For Up To 100', Add	0.94	
			For >100 To 250', Add	0.41	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	1.39	
			For 24 Gauge, Add	0.46	
			For 22 Gauge, Add	1.08	
07 71 23 00-0215	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	6.94	2.34
			For Up To 100', Add	1.08	
			For >100 To 250', Add	0.47	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	1.98	
			For 24 Gauge, Add	0.66	
			For 22 Gauge, Add	1.54	
07 71 23 00-0216	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	9.38	2.34
			For Up To 100', Add	1.32	
			For >100 To 250', Add	0.60	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	3.08	
			For 24 Gauge, Add	1.03	
			For 22 Gauge, Add	2.39	
07 71 23 00-0217	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	20.63	2.34
			For Up To 100', Add	2.44	
			For >100 To 250', Add	1.16	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	8.14	
			For 24 Gauge, Add	2.71	
			For 22 Gauge, Add	6.33	
07 71 23 00-0218			Square Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0219	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout	6.36	2.34
			For Up To 100', Add	1.02	
			For >100 To 250', Add	0.45	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	1.72	
			For 24 Gauge, Add	0.57	
			For 22 Gauge, Add	1.34	
07 71 23 00-0220	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout	8.09	2.34
			For Up To 100', Add	1.19	
			For >100 To 250', Add	0.53	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	2.50	
			For 24 Gauge, Add	0.83	
			For 22 Gauge, Add	1.94	
07 71 23 00-0221			Rectangular Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0222	LF		2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	5.72	2.34
			For Up To 100', Add	0.95	
			For >100 To 250', Add	0.41	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	1.43	
			For 24 Gauge, Add	0.48	
			For 22 Gauge, Add	1.11	
07 71 23 00-0223	LF		3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	7.24	2.34
			For Up To 100', Add	1.11	
			For >100 To 250', Add	0.49	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	2.12	
			For 24 Gauge, Add	0.71	
			For 22 Gauge, Add	1.65	
07 71 23 00-0224	LF		4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	13.29	2.34
			For Up To 100', Add	1.71	
			For >100 To 250', Add	0.79	
			For >1,000', Deduct	-0.25	
			For Kynar 500® Finish, Add	4.84	
			For 24 Gauge, Add	1.61	
			For 22 Gauge, Add	3.76	
07 71 23 00-0225			Galvanized Steel Devices (07 71 23 00-0160)		
07 71 23 00-0226	EA		Galvanized Steel Leader/Conductor Head	246.65	24.93
			For Kynar 500® Finish, Add	88.56	
07 71 23 00-0227	EA		Thru-Wall Galvanized Steel Scupper Outlet	132.50	22.43
			For Kynar 500® Finish, Add	25.97	
07 71 23 00-0228			Stainless Steel Gutters And Downspouts (07 71 23)		
			Note: AISI type 304 stainless steel.		
07 71 23 00-0229			Stainless Steel Gutters (07 71 23 00-0228)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		



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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0230			K-Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0231	LF		5", 26 Gauge, K-Style Stainless Steel Gutter.....	25.56	3.61
			For Up To 100', Add	3.45	
			For >100' To 250', Add	1.58	
			For >1,000', Deduct	-0.60	
			For 24 Gauge, Add	6.47	
			For 22 Gauge, Add	12.94	
			For 20 Gauge, Add	19.40	
07 71 23 00-0232	LF		6", 26 Gauge, K-Style Stainless Steel Gutter.....	30.75	3.81
			For Up To 100', Add	4.01	
			For >100' To 250', Add	1.85	
			For >1,000', Deduct	-0.63	
			For 24 Gauge, Add	8.09	
			For 22 Gauge, Add	16.17	
			For 20 Gauge, Add	24.26	
07 71 23 00-0233			Half Round, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0234	LF		5", 26 Gauge, Half Round Stainless Steel Gutter.....	35.63	3.61
			For Up To 100', Add	4.46	
			For >100' To 250', Add	2.08	
			For >1,000', Deduct	-0.60	
			For 24 Gauge, Add	9.79	
			For 22 Gauge, Add	19.58	
			For 20 Gauge, Add	29.37	
07 71 23 00-0235	LF		6", 26 Gauge, Half Round Stainless Steel Gutter.....	43.28	3.81
			For Up To 100', Add	5.27	
			For >100' To 250', Add	2.48	
			For >1,000', Deduct	-0.63	
			For 24 Gauge, Add	12.22	
			For 22 Gauge, Add	24.44	
			For 20 Gauge, Add	36.66	
07 71 23 00-0236			Box Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0237	LF		5", 26 Gauge, Box Style Stainless Steel Gutter.....	34.78	4.10
			For Up To 100', Add	4.50	
			For >100' To 250', Add	2.08	
			For >1,000', Deduct	-0.68	
			For 24 Gauge, Add	9.22	
			For 22 Gauge, Add	18.44	
			For 20 Gauge, Add	27.66	
			For 18 Gauge, Add	46.38	
			For Seamless Gutter, Add	-0.37	
07 71 23 00-0238	LF		6", 26 Gauge, Box Style Stainless Steel Gutter.....	42.53	4.50
			For Up To 100', Add	5.37	
			For >100' To 250', Add	2.50	
			For >1,000', Deduct	-0.74	
			For 24 Gauge, Add	11.59	
			For 22 Gauge, Add	23.17	
			For 20 Gauge, Add	34.76	
			For 18 Gauge, Add	58.28	
			For Seamless Gutter, Add	-0.64	
07 71 23 00-0239	LF		7", 26 Gauge, Box Style Stainless Steel Gutter.....	50.34	4.79
			For Up To 100', Add	6.22	
			For >100' To 250', Add	2.91	
			For >1,000', Deduct	-0.79	
			For 24 Gauge, Add	14.00	
			For 22 Gauge, Add	28.00	
			For 20 Gauge, Add	42.01	
			For 18 Gauge, Add	70.43	
			For Seamless Gutter, Add	-0.94	
07 71 23 00-0240	LF		8", 26 Gauge, Box Style Stainless Steel Gutter.....	54.75	5.08
			For Up To 100', Add	6.74	
			For >100' To 250', Add	3.16	
			For >1,000', Deduct	-0.84	
			For 24 Gauge, Add	15.30	
			For 22 Gauge, Add	30.59	
			For 20 Gauge, Add	45.89	
			For 18 Gauge, Add	76.94	
			For Seamless Gutter, Add	-1.06	
07 71 23 00-0241			Stainless Steel Gutter End Caps (07 71 23 00-0228)		
07 71 23 00-0242			K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0243	EA		5", K-Style Stainless Steel Gutter End Cap.....	8.09	
07 71 23 00-0244	EA		6", K-Style Stainless Steel Gutter End Cap.....	9.32	
07 71 23 00-0245			Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0246	EA		5", Half Round Stainless Steel Gutter End Cap.....	9.62	
07 71 23 00-0247	EA		6", Half Round Stainless Steel Gutter End Cap.....	11.16	

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07 71 23 00-0248	Box Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0249	EA 5", Box Style Stainless Steel Gutter End Cap	10.10	
07 71 23 00-0250	EA 6", Box Style Stainless Steel Gutter End Cap	11.64	
07 71 23 00-0251	EA 7", Box Style Stainless Steel Gutter End Cap	12.21	
07 71 23 00-0252	EA 8", Box Style Stainless Steel Gutter End Cap	14.83	
07 71 23 00-0253	Stainless Steel Gutter Miters (07 71 23 00-0228) Note: Inside or outside box miters.		
07 71 23 00-0254	K-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0255	EA 5", K-Style Stainless Steel Gutter Miter	41.53	
07 71 23 00-0256	EA 6", K-Style Stainless Steel Gutter Miter	66.74	
07 71 23 00-0257	Half Round, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0258	EA 5", Half Round Stainless Steel Gutter Miter	102.83	
07 71 23 00-0259	EA 6", Half Round Stainless Steel Gutter Miter	125.96	
07 71 23 00-0260	Box-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0261	EA 5", Box-Style Stainless Steel Gutter Miter	47.87	
07 71 23 00-0262	EA 6", Box-Style Stainless Steel Gutter Miter	77.98	
07 71 23 00-0263	EA 7", Box-Style Stainless Steel Gutter Miter	89.90	
07 71 23 00-0264	EA 8", Box-Style Stainless Steel Gutter Miter	101.92	
07 71 23 00-0265	Stainless Steel Gutter Wire Strainers (07 71 23 00-0228)		
07 71 23 00-0266	EA 3" Diameter, Round Stainless Steel Wire Strainer	30.37	2.44
07 71 23 00-0267	EA 4" Diameter, Round Stainless Steel Wire Strainer	31.06	2.44
07 71 23 00-0268	Stainless Steel Downspouts (07 71 23 00-0228) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269	Round Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0270	LF 3" Diameter, 26 Gauge, Round Stainless Steel Downspout	15.20	2.34
	For Up To 100', Add	1.90	
	For >100 To 250', Add	0.89	
	For >1,000', Deduct	-0.25	
	For 24 Gauge, Add	4.18	
	For 22 Gauge, Add	8.36	
	For 20 Gauge, Add	12.53	
07 71 23 00-0271	LF 4" Diameter, 26 Gauge, Round Stainless Steel Downspout	20.11	2.34
	For Up To 100', Add	2.39	
	For >100 To 250', Add	1.13	
	For >1,000', Deduct	-0.25	
	For 24 Gauge, Add	5.80	
	For 22 Gauge, Add	11.60	
	For 20 Gauge, Add	17.39	
07 71 23 00-0272	LF 5" Diameter, 26 Gauge, Round Stainless Steel Downspout	29.39	2.34
	For Up To 100', Add	3.32	
	For >100 To 250', Add	1.60	
	For >1,000', Deduct	-0.25	
	For 24 Gauge, Add	8.86	
	For 22 Gauge, Add	17.72	
	For 20 Gauge, Add	26.58	
07 71 23 00-0273	Rectangular Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0274	LF 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	15.56	2.34
	For Up To 100', Add	1.94	
	For >100 To 250', Add	0.91	
	For >1,000', Deduct	-0.25	
	For 24 Gauge, Add	4.30	
	For 22 Gauge, Add	8.59	
	For 20 Gauge, Add	12.89	
	For 18 Gauge, Add	21.61	
07 71 23 00-0275	LF 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	20.85	2.34
	For Up To 100', Add	2.47	
	For >100 To 250', Add	1.17	
	For >1,000', Deduct	-0.25	
	For 24 Gauge, Add	6.04	
	For 22 Gauge, Add	12.08	
	For 20 Gauge, Add	18.13	
	For 18 Gauge, Add	30.39	



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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	27.03	2.34
		For Up To 100', Add	3.08	
		For >100 To 250', Add	1.48	
		For >1,000', Deduct	-0.25	
		For 24 Gauge, Add	8.08	
		For 22 Gauge, Add	16.16	
		For 20 Gauge, Add	24.25	
		For 18 Gauge, Add	40.65	
07 71 23 00-0277		Stainless Steel Devices (07 71 23 00-0228)		
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	196.02	21.97
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	324.35	21.97
07 71 23 00-0280		Vinyl Gutters And Downspouts (07 71 23)		
07 71 23 00-0281		Vinyl Gutters (07 71 23 00-0280)		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282		K-Style Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	8.32	2.44
		For Up To 100', Add	1.44	
		For >100' To 250', Add	0.62	
		For >1,000', Deduct	-0.41	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	10.50	2.44
		For Up To 100', Add	1.66	
		For >100' To 250', Add	0.73	
		For >1,000', Deduct	-0.41	
07 71 23 00-0285		Half Round Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	8.57	2.44
		For Up To 100', Add	1.47	
		For >100' To 250', Add	0.63	
		For >1,000', Deduct	-0.41	
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	8.96	2.44
		For Up To 100', Add	1.51	
		For >100' To 250', Add	0.65	
		For >1,000', Deduct	-0.41	
07 71 23 00-0288		Vinyl Gutter End Caps (07 71 23 00-0280)		
07 71 23 00-0289		K-Style, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	5.04	
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	6.85	
07 71 23 00-0292		Half Round, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	5.71	
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	5.41	
07 71 23 00-0295		Vinyl Gutter Miters (07 71 23 00-0280)		
		Note: Inside or outside miters.		
07 71 23 00-0296		K-Style, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	12.28	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	18.13	
07 71 23 00-0299		Half Round, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	12.28	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	13.28	
07 71 23 00-0302		Vinyl Downspouts (07 71 23 00-0280)		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		Round Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	5.44	2.34
		For Up To 100', Add	0.93	
		For >100 To 250', Add	0.40	
		For >1,000', Deduct	-0.25	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	5.65	2.34
		For Up To 100', Add	0.95	
		For >100 To 250', Add	0.41	
		For >1,000', Deduct	-0.25	
07 71 23 00-0306		Square Vinyl Downspouts (07 71 23 00-0302)		

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07 71 23 00-0307 LF 2-1/2", Square Vinyl Downspout For Up To 100', Add For >100 To 250', Add For >1,000', Deduct	5.35 0.92 0.39 -0.25	2.34
07 71 23 00-0308 Rectangular Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0309 LF 2" x 3", Rectangular Vinyl Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct	6.72 1.05 0.46 -0.25	2.34
07 71 23 00-0310 Gutter And Downspout Boots (07 71 23)		
07 71 23 00-0311 Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0310)		
07 71 23 00-0312 EA 2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot..... 07 71 23 00-0313 EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot..... 07 71 23 00-0314 EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	215.89 281.34 335.76	3.52 3.52 3.52
07 71 23 00-0315 Cast Iron Roof Drainage Downspout Boots With Cleanouts (07 71 23 00-0310)		
07 71 23 00-0316 EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout..... 07 71 23 00-0317 EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout..... 07 71 23 00-0318 EA 5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout.....	373.18 455.85 827.10	3.52 3.52 3.52
07 71 23 00-0319 Wall Mounted Downspout Covers With Hinged Perforated Cover (07 71 23)		
07 71 23 00-0320 EA 3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	756.17 70.58 105.87 35.29	25.20
07 71 23 00-0321 EA 4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	772.97 70.58 105.87 35.29	33.60
07 71 23 00-0322 EA 6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	834.71 74.54 111.81 37.27	44.66
07 71 23 00-0323 EA 8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	894.04 78.13 117.19 39.06	56.39
07 71 23 00-0324 EA 10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	965.63 82.67 124.01 41.34	69.47
07 71 23 00-0325 EA 12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,070.89 87.69 131.54 43.85	96.98
07 71 23 00-0326 EA 15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)..... For Polished Brass Finish (-PB), Add For Chrome Plated Finish (-CP), Add For Vandal Proof (-U), Add	1,196.19 92.65 138.97 46.32	134.88
07 71 23 00-0327 Wall Mounted Downspout Nozzle (07 71 23)		
07 71 23 00-0328 EA 3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	202.76 106.65 83.80 135.60	25.20
07 71 23 00-0329 EA 4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	219.56 106.65 83.80 135.60	33.60
07 71 23 00-0330 EA 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	450.73 108.43 61.44 159.02	44.66
07 71 23 00-0331 EA 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	661.40 93.27 71.32 159.10	56.39
07 71 23 00-0332 EA 10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	851.19 121.08 92.59 206.56	69.47
07 71 23 00-0333 EA 12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)..... For Nickel Bronze Finish (-NB), Add For Polished Bronze Finish (-PB), Add For Chrome Plated Finish (-CP), Add	1,090.02 152.33 116.49 259.85	96.98



Thermal And Moisture Protection		07
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0334			Leaf Guards And Cleaning (07 71 23)		
07 71 23 00-0335	LF		Aluminum Mesh Gutter Leaf Guard .....2.71	0.75	
			For Up To 100', Add	0.49	
			For >100' To 250', Add	0.21	
			For >1,000', Deduct	-0.15	
07 71 23 00-0336	LF		Vinyl Mesh Gutter Leaf Guard.....2.24	0.75	
			For Up To 100', Add	0.45	
			For >100' To 250', Add	0.19	
			For >1,000', Deduct	-0.15	
07 71 23 00-0337	LF		6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire.....11.75	0.93	
			For Up To 100', Add	1.46	
			For >100' To 250', Add	0.68	
			For >1,000', Deduct	-0.19	
07 71 23 00-0338	LF		9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire.....16.71	0.93	
			For Up To 100', Add	1.95	
			For >100' To 250', Add	0.93	
			For >1,000', Deduct	-0.19	
07 71 23 00-0339	LF		6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....8.96	0.93	
			For Up To 100', Add	1.12	
			For >100' To 250', Add	0.52	
			For >1,000', Deduct	-0.15	
07 71 23 00-0340	LF		9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....13.71	0.93	
			For Up To 100', Add	1.59	
			For >100' To 250', Add	0.76	
			For >1,000', Deduct	-0.15	
07 71 23 00-0341	EA		Cleanout Roof Drain .....134.68		
			Note: Includes removing dome and flushing.		
07 71 23 00-0342	LF		Clean Gutters And Downspouts.....1.45		
07 71 26			Reglets (07 71)		
07 71 26 00-0001			Counter Flashing With Reglet (07 71 26)		
			Note: Includes reglet cut.		
07 71 26 00-0002			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0003			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0004	LF		28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....13.73	4.44	
07 71 26 00-0005	LF		26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....13.87	4.44	
07 71 26 00-0006	LF		24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....14.10	4.44	
07 71 26 00-0007	LF		22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....14.98	4.44	
07 71 26 00-0008	LF		20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....15.48	4.44	
07 71 26 00-0009	LF		18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....16.06	4.44	
07 71 26 00-0010			KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0011	LF		28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....15.92	4.44	
07 71 26 00-0012	LF		26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....16.12	4.44	
07 71 26 00-0013	LF		24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....16.45	4.44	
07 71 26 00-0014	LF		22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....17.73	4.44	
07 71 26 00-0015	LF		20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....18.46	4.44	
07 71 26 00-0016	LF		18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....19.30	4.44	
07 71 26 00-0017			Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0018			KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0019	LF		0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....14.29	4.44	
07 71 26 00-0020	LF		0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....15.15	4.44	
07 71 26 00-0021	LF		0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....16.00	4.44	
07 71 26 00-0022	LF		0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....16.62	4.44	
07 71 26 00-0023	LF		0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....18.00	4.44	
07 71 26 00-0024	LF		0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....20.00	4.44	
07 71 26 00-0025			Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0026	LF		0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....12.33	4.44	
07 71 26 00-0027	LF		0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....12.88	4.44	
07 71 26 00-0028	LF		0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....13.43	4.44	
07 71 26 00-0029	LF		0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....13.82	4.44	
07 71 26 00-0030	LF		0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....14.70	4.44	
07 71 26 00-0031	LF		0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....15.98	4.44	
07 71 26 00-0032			Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0033	LF		0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....13.89	4.44	
07 71 26 00-0034	LF		0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....14.68	4.44	
07 71 26 00-0035	LF		0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....15.48	4.44	
07 71 26 00-0036	LF		0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....16.05	4.44	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0037 LF 0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	17.33	4.44
07 71 26 00-0038 LF 0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	19.17	4.44
07 71 26 00-0039 Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0040 Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)		
07 71 26 00-0041 LF 24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	15.52	4.44
07 71 26 00-0042 LF 20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	16.70	4.44
07 71 26 00-0043 Copper Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0044 Copper Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0045 LF 16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....	29.98	4.44
07 72 Roof Accessories (07 70)		
07 72 13 Manufactured Curbs (07 72)		
07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)		
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)		
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0005 EA 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	458.01	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.40	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	82.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.84	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	73.89	
07 72 13 00-0006 EA 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	469.49	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.55	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	84.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	36.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	75.26	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	88.94	
07 72 13 00-0007 EA 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	498.74	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	39.30	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	89.17	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	45.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.04	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	102.62	
07 72 13 00-0008 EA 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	542.79	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	43.70	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	97.98	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	60.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	121.78	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.36	
07 72 13 00-0009 EA 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	575.34	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	46.96	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	104.49	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78	
07 72 13 00-0010 EA 26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	729.07	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	61.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	134.06	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	99.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	161.46	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	187.46	
07 72 13 00-0011 EA 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	473.33	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.93	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	85.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.92	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	86.54	
07 72 13 00-0012 EA 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	500.65	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	39.49	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	89.56	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	57.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	114.94	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	138.20	



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Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	525.55 41.98 94.54 71.15 131.36 150.51	105.75
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	535.13 42.94 96.45 12.73 78.40 96.19	105.75
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	698.43 58.09 127.94 16.42 88.94 116.31	117.50
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	762.13 63.29 139.50 20.11 103.58 136.42	129.25
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	588.75 48.30 107.18 73.89 134.09 149.14	105.75
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	637.15 51.97 115.68 88.94 145.04 172.41	117.50
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	658.22 54.07 119.89 105.36 153.25 199.77	117.50
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	721.92 59.27 131.46 123.15 184.72 228.51	129.25
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	768.40 62.74 139.58 21.14 97.76 131.97	141.00
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	830.20 67.75 150.77 169.67 255.87 302.39	152.74
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	658.22 54.07 119.89 16.83 61.98 113.98	117.50
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	700.85 57.16 127.25 128.62 195.67 238.08	129.25
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	766.49 62.55 139.20 166.93 233.98 273.66	141.00
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	785.63 64.46 143.03 25.04 92.09 160.50	141.00

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 72	Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0027	EA		62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	851.27 69.85 154.98 210.72 279.13 366.70	152.74
07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)					
07 72 13 00-0029	EA		26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	482.90 38.89 87.18 30.10 58.84 73.89	94.00
07 72 13 00-0030	EA		26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	488.65 39.47 88.33 36.94 75.26 88.94	94.00
07 72 13 00-0031	EA		26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	517.89 41.21 93.00 45.15 93.04 102.62	105.75
07 72 13 00-0032	EA		26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	567.68 46.19 102.96 60.21 121.78 131.36	105.75
07 72 13 00-0033	EA		26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	604.07 49.83 110.24 12.52 79.57 87.78	105.75
07 72 13 00-0034	EA		26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	752.05 63.46 138.66 99.89 161.46 187.46	117.50
07 72 13 00-0035	EA		38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	490.56 39.66 88.71 7.18 61.92 86.54	94.00
07 72 13 00-0036	EA		38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	552.36 44.66 99.90 57.47 114.94 138.20	105.75
07 72 13 00-0037	EA		38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	590.66 48.49 107.56 71.15 131.36 150.51	105.75
07 72 13 00-0038	EA		38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	634.71 52.90 116.37 12.73 78.40 96.19	105.75
07 72 13 00-0039	EA		38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	729.07 61.16 134.06 16.42 88.94 116.31	117.50
07 72 13 00-0040	EA		38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	800.43 67.12 147.16 20.11 103.58 136.42	129.25



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

70

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	611.73 50.60 111.77 73.89 134.09 149.14	105.75
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	656.30 53.88 119.51 88.94 145.04 172.41	117.50
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	686.94 56.94 125.64 105.36 153.25 199.77	117.50
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	752.56 62.33 137.59 123.15 184.72 228.51	129.25
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	804.79 66.38 146.86 21.14 97.76 131.97	141.00
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	872.33 71.96 159.19 169.67 255.87 302.39	152.74
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	686.94 56.94 125.64 16.83 61.98 113.98	117.50
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	731.49 60.22 133.37 128.62 195.67 238.08	129.25
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	799.04 65.80 145.71 166.93 233.98 273.66	141.00
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	823.93 68.29 150.69 25.04 92.09 160.50	141.00
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	893.39 74.06 163.40 210.72 279.13 366.70	152.74
07 72 13 00-0052		14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	496.31 40.23 89.86 30.10 58.84 73.89	94.00
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	502.05 40.81 91.01 36.94 75.26 88.94	94.00

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0055 EA 26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....527.47	527.47	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	42.17	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	94.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	45.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.04	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	102.62	
07 72 13 00-0056 EA 26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....583.00	583.00	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	47.73	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	106.03	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	60.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	121.78	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.36	
07 72 13 00-0057 EA 26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....625.13	625.13	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	51.94	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	114.45	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78	
07 72 13 00-0058 EA 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....778.86	778.86	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	66.14	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	144.02	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	99.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	161.46	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	187.46	
07 72 13 00-0059 EA 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....502.05	502.05	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	40.81	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	91.01	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.92	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	86.54	
07 72 13 00-0060 EA 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....527.47	527.47	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	42.17	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	94.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	57.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	114.94	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	138.20	
07 72 13 00-0061 EA 38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....625.13	625.13	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	51.94	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	114.45	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	71.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	131.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	150.51	
07 72 13 00-0062 EA 38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....671.09	671.09	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	56.53	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	123.64	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	78.40	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.19	
07 72 13 00-0063 EA 38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....752.05	752.05	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	63.46	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	138.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31	
07 72 13 00-0064 EA 38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....825.33	825.33	129.25
For Sloped Roofs Up To 1 In 12 Pitch, Add	69.61	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	152.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	103.58	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.42	
07 72 13 00-0065 EA 50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....627.05	627.05	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	52.13	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	114.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	73.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	149.14	
07 72 13 00-0066 EA 50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....551.08	551.08	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	43.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	98.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	88.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	145.04	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	172.41	
07 72 13 00-0067 EA 50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....706.09	706.09	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	58.86	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	129.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0068 EA 50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....775.54	775.54	129.25
For Sloped Roofs Up To 1 In 12 Pitch, Add	64.63	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	142.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	123.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	184.72	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	228.51	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

70

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0069	EA		51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	827.77 68.68 151.45 21.14 97.76 131.97	141.00
07 72 13 00-0070	EA		51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	899.14 74.64 164.55 169.67 255.87 302.39	152.74
07 72 13 00-0071	EA		62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	706.09 58.86 129.47 16.83 61.98 113.98	117.50
07 72 13 00-0072	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	752.56 62.33 137.59 128.62 195.67 238.08	129.25
07 72 13 00-0073	EA		62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	823.93 68.29 150.69 166.93 233.98 273.66	141.00
07 72 13 00-0074	EA		62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	848.83 70.78 155.67 25.04 92.09 160.50	141.00
07 72 13 00-0075	EA		62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	922.12 76.94 169.15 210.72 279.13 366.70	152.74
07 72 13 00-0076			14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0077			9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0006)		
07 72 13 00-0078	EA		26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	436.94 34.29 77.99 30.10 58.84 73.89	94.00
07 72 13 00-0079	EA		26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	461.83 36.78 82.97 36.94 75.26 88.94	94.00
07 72 13 00-0080	EA		26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	533.21 42.75 96.07 45.15 93.04 102.62	105.75
07 72 13 00-0081	EA		26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	590.66 48.49 107.56 60.21 121.78 131.36	105.75
07 72 13 00-0082	EA		26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	632.79 52.70 115.98 12.52 79.57 87.78	105.75
07 72 13 00-0083	EA		26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	809.50 69.20 150.15 99.89 161.46 187.46	117.50

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	507.79 41.38 92.16 7.18 61.92 86.54	94.00
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	548.53 44.28 99.13 57.47 114.94 138.20	105.75
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	567.68 46.19 102.96 71.15 131.36 150.51	105.75
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	584.91 47.92 106.41 12.73 78.40 96.19	105.75
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	763.54 64.60 140.96 16.42 88.94 116.31	117.50
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	838.73 70.95 154.82 20.11 103.58 136.42	129.25
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	634.71 52.90 116.37 73.89 134.09 149.14	105.75
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	685.02 56.75 125.25 88.94 145.04 172.41	117.50
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	715.66 59.82 131.38 105.36 153.25 199.77	117.50
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	787.03 65.78 144.48 123.15 184.72 228.51	129.25
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	839.25 69.83 153.75 21.14 97.76 131.97	141.00
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	912.55 75.98 167.24 169.67 255.87 302.39	152.74
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	715.66 59.82 131.38 16.83 61.98 113.98	117.50
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	762.13 63.29 139.50 128.62 195.67 238.08	129.25



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

70

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	835.43 69.44 152.99 166.93 233.98 273.66	141.00
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	862.23 72.12 158.35 25.04 92.09 160.50	141.00
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	937.44 78.47 172.21 210.72 279.13 366.70	152.74
07 72 13 00-0101		12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	454.17 36.02 81.43 30.10 58.84 73.89	94.00
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	482.90 38.89 87.18 36.94 75.26 88.94	94.00
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	561.93 45.62 101.81 45.15 93.04 102.62	105.75
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	625.13 51.94 114.45 60.21 121.78 131.36	105.75
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	676.83 57.11 124.79 12.52 79.57 87.78	105.75
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	817.16 69.97 151.68 99.89 161.46 187.46	117.50
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	532.69 43.87 97.14 7.18 61.92 86.54	94.00
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	579.17 47.34 105.26 57.47 114.94 138.20	105.75
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	604.07 49.83 110.24 71.15 131.36 150.51	105.75
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	627.05 52.13 114.84 12.73 78.40 96.19	105.75

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0112	EA 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....809.50	117.50
	For Sloped Roofs Up To 1 In 12 Pitch, Add	69.20
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	150.15
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31
07 72 13 00-0113	EA 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....894.27	129.25
	For Sloped Roofs Up To 1 In 12 Pitch, Add	76.50
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	165.93
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.11
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	103.58
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	136.42
07 72 13 00-0114	EA 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....669.17	105.75
	For Sloped Roofs Up To 1 In 12 Pitch, Add	56.34
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	123.26
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	73.89
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.09
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	149.14
07 72 13 00-0115	EA 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....723.32	117.50
	For Sloped Roofs Up To 1 In 12 Pitch, Add	60.58
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	132.91
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	88.94
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	145.04
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	172.41
07 72 13 00-0116	EA 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....759.71	117.50
	For Sloped Roofs Up To 1 In 12 Pitch, Add	64.22
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	140.19
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77
07 72 13 00-0117	EA 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....832.99	129.25
	For Sloped Roofs Up To 1 In 12 Pitch, Add	70.37
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	153.67
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	123.15
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	184.72
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	228.51
07 72 13 00-0118	EA 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....892.87	141.00
	For Sloped Roofs Up To 1 In 12 Pitch, Add	75.19
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	164.47
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97
07 72 13 00-0119	EA 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....973.83	152.74
	For Sloped Roofs Up To 1 In 12 Pitch, Add	82.11
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	179.49
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	169.67
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	255.87
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	302.39
07 72 13 00-0120	EA 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....759.71	117.50
	For Sloped Roofs Up To 1 In 12 Pitch, Add	64.22
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	140.19
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.83
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.98
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	113.98
07 72 13 00-0121	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....811.93	129.25
	For Sloped Roofs Up To 1 In 12 Pitch, Add	68.27
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	149.46
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	128.62
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	195.67
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.08
07 72 13 00-0122	EA 62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....889.05	141.00
	For Sloped Roofs Up To 1 In 12 Pitch, Add	74.81
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.71
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	166.93
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	233.98
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	273.66
07 72 13 00-0123	EA 62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....917.77	141.00
	For Sloped Roofs Up To 1 In 12 Pitch, Add	77.68
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	169.45
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.04
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	92.09
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	160.50
07 72 13 00-0124	EA 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....1,002.55	152.74
	For Sloped Roofs Up To 1 In 12 Pitch, Add	84.98
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	185.24
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	210.72
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	279.13
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	366.70

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof
Curbs (07 72 13 00-0076)



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

70

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0126	EA		26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....467.58 For Sloped Roofs Up To 1 In 12 Pitch, Add 37.36 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 84.12 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 30.10 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 58.84 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 73.89		94.00
07 72 13 00-0127	EA		26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....498.22 For Sloped Roofs Up To 1 In 12 Pitch, Add 40.42 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 90.24 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 36.94 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 75.26 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 88.94		94.00
07 72 13 00-0128	EA		26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....579.17 For Sloped Roofs Up To 1 In 12 Pitch, Add 47.34 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 105.26 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 45.15 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 93.04 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 102.62		105.75
07 72 13 00-0129	EA		26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....648.11 For Sloped Roofs Up To 1 In 12 Pitch, Add 54.24 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 119.05 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 60.21 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 121.78 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 131.36		105.75
07 72 13 00-0130	EA		26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....705.56 For Sloped Roofs Up To 1 In 12 Pitch, Add 59.98 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 130.54 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 12.52 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 79.57 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 87.78		105.75
07 72 13 00-0131	EA		26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....878.44 For Sloped Roofs Up To 1 In 12 Pitch, Add 76.09 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 163.94 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 99.89 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 161.46 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 187.46		117.50
07 72 13 00-0132	EA		38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....551.84 For Sloped Roofs Up To 1 In 12 Pitch, Add 45.78 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 100.97 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 7.18 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 61.92 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 86.54		94.00
07 72 13 00-0133	EA		38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....611.73 For Sloped Roofs Up To 1 In 12 Pitch, Add 50.60 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 111.77 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 57.47 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 114.94 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 138.20		105.75
07 72 13 00-0134	EA		38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....646.19 For Sloped Roofs Up To 1 In 12 Pitch, Add 54.04 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 118.66 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 71.15 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 131.36 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 150.51		105.75
07 72 13 00-0135	EA		38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....653.85 For Sloped Roofs Up To 1 In 12 Pitch, Add 54.81 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 120.20 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 12.73 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 78.40 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 96.19		105.75
07 72 13 00-0136	EA		38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....843.97 For Sloped Roofs Up To 1 In 12 Pitch, Add 72.65 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 157.04 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 16.42 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 88.94 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 116.31		117.50
07 72 13 00-0137	EA		38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....932.57 For Sloped Roofs Up To 1 In 12 Pitch, Add 80.33 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 173.59 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 20.11 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 103.58 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 136.42		129.25
07 72 13 00-0138	EA		50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....692.15 For Sloped Roofs Up To 1 In 12 Pitch, Add 58.64 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 127.86 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 73.89 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 134.09 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 149.14		105.75
07 72 13 00-0139	EA		50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....601.70 For Sloped Roofs Up To 1 In 12 Pitch, Add 48.42 For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 108.59 For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 88.94 For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 145.04 For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 172.41		117.50

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0140 EA 50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....788.44	788.44	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	67.09	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	145.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0141 EA 50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....867.46	867.46	129.25
For Sloped Roofs Up To 1 In 12 Pitch, Add	73.82	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	160.57	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	123.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	184.72	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	228.51	
07 72 13 00-0142 EA 51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....927.35	927.35	141.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	78.64	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	171.37	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97	
07 72 13 00-0143 EA 51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....1,015.95	1,015.95	152.74
For Sloped Roofs Up To 1 In 12 Pitch, Add	86.32	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	187.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	169.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	255.87	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	302.39	
07 72 13 00-0144 EA 62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....788.44	788.44	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	67.09	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	145.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.98	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	113.98	
07 72 13 00-0145 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....846.39	846.39	129.25
For Sloped Roofs Up To 1 In 12 Pitch, Add	71.71	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	156.35	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	128.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	195.67	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.08	
07 72 13 00-0146 EA 62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....921.60	921.60	141.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	78.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	170.22	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	166.93	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	233.98	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	273.66	
07 72 13 00-0147 EA 62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....956.07	956.07	141.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	81.51	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	177.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	92.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	160.50	
07 72 13 00-0148 EA 62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....1,044.68	1,044.68	152.74
For Sloped Roofs Up To 1 In 12 Pitch, Add	89.19	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	193.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	210.72	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	279.13	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	366.70	
07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.		
07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
07 72 13 00-0151 EA 14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....415.39	415.39	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.14	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.68	
07 72 13 00-0152 EA 23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....516.34	516.34	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	42.23	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	93.87	
07 72 13 00-0153 EA 32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....595.98	595.98	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	49.02	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	108.62	
07 72 13 00-0154 EA 41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....676.59	676.59	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.08	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	124.74	
07 72 13 00-0155 EA 50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....746.97	746.97	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	62.95	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	137.64	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

07

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
07 72 13 00-0156	12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)				
07 72 13 00-0157	EA 14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	563.21		94.00	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	46.92			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	103.24			
07 72 13 00-0158	EA 23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	700.21		94.00	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	60.62			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	130.64			
07 72 13 00-0159	EA 32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	727.58		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	62.18			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	134.94			
07 72 13 00-0160	EA 41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	779.08		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	67.33			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	145.24			
07 72 13 00-0161	EA 50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	874.70		117.50	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	75.72			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.19			
07 72 13 00-0162	EA 64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,582.66		129.25	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	145.34			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	303.61			
07 72 13 00-0163	18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)				
07 72 13 00-0164	EA 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	806.06		94.00	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	71.21			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	151.81			
07 72 13 00-0165	EA 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	946.15		94.00	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	85.22			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	179.83			
07 72 13 00-0166	EA 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,136.02		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	103.03			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	216.63			
07 72 13 00-0167	Wood, Prefabricated Roof Curbs (07 72 13) Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.				
07 72 13 00-0168	Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0167)				
07 72 13 00-0169	2 x 6 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)				
07 72 13 00-0170	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	298.82		94.00	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	20.48			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	50.36			
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.10			
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.84			
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	73.89			
07 72 13 00-0171	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	330.53		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	22.48			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	55.53			
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	45.15			
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.04			
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	102.62			
07 72 13 00-0172	EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	366.11		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	26.04			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	62.65			
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52			
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57			
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78			
07 72 13 00-0173	EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	362.00		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.63			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	61.83			
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	71.15			
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	131.36			
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	150.51			
07 72 13 00-0174	EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	371.58		105.75	
	For Sloped Roofs Up To 1 In 12 Pitch, Add	26.58			
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.74			
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.73			
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	78.40			
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.19			

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	418.35	117.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	30.09	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	71.92	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	368.84	105.75
		For Sloped Roofs Up To 1 In 12 Pitch, Add	26.31	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	73.89	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.09	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	149.14	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	430.67	117.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	31.32	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	74.38	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	477.66	141.00
		For Sloped Roofs Up To 1 In 12 Pitch, Add	33.67	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	81.43	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	406.04	117.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	28.85	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.46	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.83	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.98	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	113.98	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	445.95	129.25
		For Sloped Roofs Up To 1 In 12 Pitch, Add	31.67	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.27	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	128.62	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	195.67	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.08	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	505.02	141.00
		For Sloped Roofs Up To 1 In 12 Pitch, Add	36.40	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	86.90	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.04	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	92.09	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	160.50	
07 72 13 00-0182		2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0188)		
07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb.....	307.03	94.00
		For Sloped Roofs Up To 1 In 12 Pitch, Add	21.30	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	52.01	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.10	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.84	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	73.89	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb.....	340.11	105.75
		For Sloped Roofs Up To 1 In 12 Pitch, Add	23.44	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	57.45	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	45.15	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.04	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	102.62	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb.....	392.11	105.75
		For Sloped Roofs Up To 1 In 12 Pitch, Add	28.64	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	67.85	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb.....	378.42	105.75
		For Sloped Roofs Up To 1 In 12 Pitch, Add	27.27	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	65.11	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	71.15	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	131.36	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	150.51	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb.....	392.11	105.75
		For Sloped Roofs Up To 1 In 12 Pitch, Add	28.64	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	67.85	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.73	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	78.40	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.19	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb.....	438.88	117.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	32.14	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.03	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	383.90 27.82 66.21 73.89 134.09 149.14	105.75
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	449.82 33.23 78.21 105.36 153.25 199.77	117.50
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	496.81 35.58 85.26 21.14 97.76 131.97	141.00
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	421.09 30.36 72.47 16.83 61.98 113.98	117.50
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	463.73 33.45 79.82 128.62 195.67 238.08	129.25
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	524.18 38.32 90.74 25.04 92.09 160.50	141.00
07 72 13 00-0195		2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)		
07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	312.51 21.85 53.10 30.10 58.84 73.89	94.00
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	349.69 24.39 59.36 45.15 93.04 102.62	105.75
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	394.84 28.91 68.39 12.52 79.57 87.78	105.75
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	388.00 28.23 67.03 71.15 131.36 150.51	105.75
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	404.42 29.87 70.31 12.73 78.40 96.19	105.75
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	452.56 33.51 78.76 16.42 88.94 116.31	117.50
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	393.47 28.77 68.12 73.89 134.09 149.14	105.75

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0203	EA		50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb.....	462.14	117.50
			For Sloped Roofs Up To 1 In 12 Pitch, Add	34.46	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	80.68	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0204	EA		51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb.....	509.13	141.00
			For Sloped Roofs Up To 1 In 12 Pitch, Add	36.81	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	87.73	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97	
07 72 13 00-0205	EA		62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb.....	430.67	117.50
			For Sloped Roofs Up To 1 In 12 Pitch, Add	31.32	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	74.38	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.83	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.98	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	113.98	
07 72 13 00-0206	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	474.68	129.25
			For Sloped Roofs Up To 1 In 12 Pitch, Add	34.54	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	82.01	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	128.62	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	195.67	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.08	
07 72 13 00-0207	EA		62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb.....	537.86	141.00
			For Sloped Roofs Up To 1 In 12 Pitch, Add	39.69	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	93.47	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.04	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	92.09	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	160.50	
07 72 13 00-0208			2 x 12 Wood Framed, Prefabricated Roof Curbs.....		
07 72 13 00-0209	EA		26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	319.35	94.00
			For Sloped Roofs Up To 1 In 12 Pitch, Add	22.54	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.47	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.10	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.84	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	73.89	
07 72 13 00-0210	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	355.16	105.75
			For Sloped Roofs Up To 1 In 12 Pitch, Add	24.94	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	60.46	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	45.15	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.04	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	102.62	
07 72 13 00-0211	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	407.16	105.75
			For Sloped Roofs Up To 1 In 12 Pitch, Add	30.14	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	70.86	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78	
07 72 13 00-0212	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	418.10	105.75
			For Sloped Roofs Up To 1 In 12 Pitch, Add	31.24	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.05	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.73	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	78.40	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.19	
07 72 13 00-0213	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	467.61	117.50
			For Sloped Roofs Up To 1 In 12 Pitch, Add	35.01	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	81.77	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31	
07 72 13 00-0214	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	405.79	105.75
			For Sloped Roofs Up To 1 In 12 Pitch, Add	30.00	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	70.58	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	73.89	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.09	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	149.14	
07 72 13 00-0215	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	475.82	117.50
			For Sloped Roofs Up To 1 In 12 Pitch, Add	35.83	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	83.41	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0216	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....	525.55	141.00
			For Sloped Roofs Up To 1 In 12 Pitch, Add	38.46	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	91.01	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0217	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	485.63 35.64 84.20 128.62 195.67 238.08	129.25
07 72 13 00-0218			Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0167)		
07 72 13 00-0219			2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0220	EA		26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	309.77 21.58 52.55 30.10 58.84 73.89	94.00
07 72 13 00-0221	EA		26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	340.11 23.44 57.45 45.15 93.04 102.62	105.75
07 72 13 00-0222	EA		26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	383.90 27.82 66.21 12.52 79.57 87.78	105.75
07 72 13 00-0223	EA		38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	374.32 26.86 64.29 71.15 131.36 150.51	105.75
07 72 13 00-0224	EA		38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	386.63 28.09 66.75 12.73 78.40 96.19	105.75
07 72 13 00-0225	EA		38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	434.77 31.73 75.20 16.42 88.94 116.31	117.50
07 72 13 00-0226	EA		50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	381.16 27.54 65.66 73.89 134.09 149.14	105.75
07 72 13 00-0227	EA		50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	445.72 32.82 77.39 105.36 153.25 199.77	117.50
07 72 13 00-0228	EA		51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	492.71 35.17 84.44 21.14 97.76 131.97	141.00
07 72 13 00-0229	EA		62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	422.46 30.50 72.74 16.83 61.98 113.98	117.50
07 72 13 00-0230	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	461.00 33.18 79.28 128.62 195.67 238.08	129.25
07 72 13 00-0231	EA		62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	524.18 38.32 90.74 25.04 92.09 160.50	141.00
07 72 13 00-0232			2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0233 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	319.35	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	22.54	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.84	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	73.89	
07 72 13 00-0234 EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	351.06	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.53	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.64	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	45.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	93.04	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	102.62	
07 72 13 00-0235 EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	400.32	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	29.46	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.49	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78	
07 72 13 00-0236 EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	390.74	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.50	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	67.57	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	71.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	131.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	150.51	
07 72 13 00-0237 EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	408.53	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.28	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	71.13	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	78.40	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.19	
07 72 13 00-0238 EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	459.40	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	34.19	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	80.13	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31	
07 72 13 00-0239 EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	400.32	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	29.46	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.49	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	73.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	149.14	
07 72 13 00-0240 EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	468.98	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.15	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	82.05	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0241 EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	518.71	141.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.77	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	89.64	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97	
07 72 13 00-0242 EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	440.24	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.27	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	61.98	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	113.98	
07 72 13 00-0243 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	481.52	129.25
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.23	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	83.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	128.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	195.67	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.08	
07 72 13 00-0244 EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb.....	547.44	141.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	40.64	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	95.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	92.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	160.50	
07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0246 EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb.....	327.56	94.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	56.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.84	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	73.89	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

70

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 25.63 61.83 45.15 93.04 102.62	362.00	105.75
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 31.10 72.77 12.52 79.57 87.78	416.73	105.75
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 29.73 70.04 71.15 131.36 150.51	403.05	105.75
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 31.92 74.41 12.73 78.40 96.19	424.94	105.75
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 35.97 83.69 16.42 88.94 116.31	477.19	117.50
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 30.69 71.95 73.89 134.09 149.14	412.63	105.75
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 36.65 85.06 105.36 153.25 199.77	484.03	117.50
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 39.41 92.93 21.14 97.76 131.97	535.13	141.00
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 33.64 79.04 16.83 61.98 113.98	453.93	117.50
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 36.73 86.39 128.62 195.67 238.08	496.57	129.25
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 42.42 98.95 25.04 92.09 160.50	565.23	141.00
07 72 13 00-0258		2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 25.00 59.40 30.10 58.84 73.89	343.98	94.00
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 26.45 63.47 45.15 93.04 102.62	370.21	105.75

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0261 EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb.....	429.05	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.33	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	75.24	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	79.57	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	87.78	
07 72 13 00-0262 EA 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb.....	438.63	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	33.29	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	77.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	78.40	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.19	
07 72 13 00-0263 EA 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb.....	529.18	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.17	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	94.09	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	16.42	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	88.94	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	116.31	
07 72 13 00-0264 EA 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb.....	452.31	105.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	34.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	79.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	73.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	134.09	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	149.14	
07 72 13 00-0265 EA 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb.....	531.92	117.50
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.44	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	94.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	105.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.77	
07 72 13 00-0266 EA 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb.....	589.86	141.00
For Sloped Roofs Up To 1 In 12 Pitch, Add	44.89	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	103.87	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	21.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.76	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	131.97	
07 72 13 00-0267 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	547.20	129.25
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.80	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	96.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	128.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	195.67	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.08	

07 72 23 Relief Vents (07 72)

07 72 23 00-0001 Wind Driven Turbine Ventilators (07 72 23)

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)

07 72 23 00-0003 EA 6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	129.29	27.28
For Curb Or Flange Base, Add	145.90	
07 72 23 00-0004 EA 9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	155.05	30.20
For Curb Or Flange Base, Add	160.49	
07 72 23 00-0005 EA 12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	167.64	36.05
For Curb Or Flange Base, Add	179.06	
07 72 23 00-0006 EA 15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	319.83	39.94
For Curb Or Flange Base, Add	284.66	
07 72 23 00-0007 EA 18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	439.81	44.81
For Curb Or Flange Base, Add	308.60	
07 72 23 00-0008 EA 21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	530.23	48.71
For Curb Or Flange Base, Add	334.90	
07 72 23 00-0009 EA 24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	676.83	54.55
For Curb Or Flange Base, Add	409.29	
07 72 23 00-0010 EA 36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,117.01	73.07
For Curb Or Flange Base, Add	668.31	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)

07 72 23 00-0012 EA 6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	128.83	27.28
For Curb Or Flange Base, Add	154.41	
07 72 23 00-0013 EA 9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	160.63	30.20
For Curb Or Flange Base, Add	170.07	
07 72 23 00-0014 EA 12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	179.89	36.05
For Curb Or Flange Base, Add	188.71	
07 72 23 00-0015 EA 15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	320.56	39.94
For Curb Or Flange Base, Add	322.18	
07 72 23 00-0016 EA 18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	413.70	44.81
For Curb Or Flange Base, Add	344.36	
07 72 23 00-0017 EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	523.41	48.71
For Curb Or Flange Base, Add	387.97	
07 72 23 00-0018 EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	706.83	54.55
For Curb Or Flange Base, Add	468.53	
07 72 23 00-0019 EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,052.93	73.07
For Curb Or Flange Base, Add	704.24	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0020		Stationary Siphon Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0021		Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	109.46 145.90	27.28
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	143.71 160.49	30.20
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	158.34 179.06	36.05
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	268.94 284.66	39.94
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	311.03 308.60	44.81
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	439.22 334.90	48.71
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	571.35 409.29	54.55
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator For Curb Or Flange Base, Add	827.65 668.31	73.07
07 72 23 00-0030		Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	123.84 154.41	27.28
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	163.61 170.07	30.20
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	182.40 188.71	36.05
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	297.06 322.18	39.94
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	373.78 344.36	44.81
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	458.51 387.97	48.71
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	656.95 468.53	54.55
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator For Curb Or Flange Base, Add	989.16 704.24	73.07
07 72 23 00-0039		Spun Aluminum, Stationary Mushroom Gravity Ventilators (07 72 23) Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	251.99 135.53 198.08	43.84
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	311.52 148.28 216.62	48.71
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	351.81 202.49 274.94	58.46
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	430.21 231.19 318.85	64.30
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	1,158.32 290.19 419.58	87.68
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	1,415.63 342.80 501.85	101.32
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	1,932.93 342.80 521.17	116.90
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	2,724.20 358.75 539.63	126.65
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator For Backdraft Damper, Add For Curb Base, Add	3,928.44 398.61 607.51	136.39
07 72 23 00-0049		Galvanized Steel, Stationary Gooseneck Ventilators (07 72 23) Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	453.71	48.71
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	531.80	64.30
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	765.97	87.68
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,190.64	101.32
07 72 26		Ridge Vents (07 72)		

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 72	Roof Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 26 00-0001		Aluminum Ridge Vents (07 72 26)		
07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	10.64	2.83
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	43.78	17.57
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	41.15	17.57
07 72 26 00-0005		Galvanized Ridge Vents (07 72 26)		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	11.46	3.02
07 72 29		Rafter Vent (07 72)		
07 72 29 00-0001		Rafter Vent (07 72 29) Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA	22" x 4" Rafter Vent	7.75	
07 72 29 00-0003	EA	14" x 4" Rafter Vent	7.06	
07 72 33		Roof Hatches (07 72) Note: Includes curb with integral insulation, lockable hatch and gaskets.		
07 72 33 00-0001		Galvanized Steel Cover And Curb (07 72 33)		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	1,160.15	128.77
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,712.61	143.08
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	3,036.94	195.12
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,689.79	143.08
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,907.58	159.00
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,139.04	216.85
07 72 33 00-0008		Aluminum Cover And Curb (07 72 33)		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	1,062.22	128.77
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,381.69	143.08
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,514.22	195.12
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,352.18	143.08
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,414.30	159.00
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,650.46	216.85
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,517.16	143.08
07 72 33 00-0016		Steel, Plain, Primed (07 72 33)		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	1,111.34	128.77
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,509.87	143.08
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	2,068.64	195.12
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	1,401.56	143.08
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,721.62	159.00
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,339.43	216.85
07 72 33 00-0023		Stainless Steel (07 72 33)		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,397.29	128.77
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	4,595.59	143.08
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	6,912.33	195.12
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	3,686.79	143.08
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	7,802.45	159.00
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	8,736.33	216.85
07 72 33 00-0030		Remove And Reinstall Roof Hatch (07 72 33) Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	396.07	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb (07 72 33)		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	1,028.77	143.08
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,348.24	159.00
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,427.25	216.76
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,325.42	147.55
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,340.71	163.46
07 72 33 00-0038		Roof Hatch Accessories (07 72 33)		
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	727.42	67.07
07 72 33 00-0040		Roof Hatch Safety Railing (07 72 33) Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x24)	1,372.57	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x36)	1,425.69	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x30)	1,459.76	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0044 EA 30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x36).....	1,585.70	
07 72 33 00-0045 EA 36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-36x36).....	1,731.40	
07 72 33 00-0046 EA 48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-48x48).....	2,198.48	
07 72 36 Smoke Vents (07 72)		
07 72 36 00-0001 Fire Vent (07 72 36)		
07 72 36 00-0002 Galvanized Steel Covers And Curb (07 72 36 00-0001)		
07 72 36 00-0003 EA 4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848).....	3,079.74	119.29
07 72 36 00-0004 EA 4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872).....	3,537.33	164.00
07 72 36 00-0005 EA 4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890).....	4,033.87	178.93
07 72 36 00-0006 EA 4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896).....	4,112.36	187.88
07 72 36 00-0007 EA 5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060).....	4,783.23	164.00
07 72 36 00-0008 EA 5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072).....	5,084.51	178.93
07 72 36 00-0009 EA 5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084).....	5,367.18	193.87
07 72 36 00-0010 EA 5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096).....	6,114.77	208.81
07 72 36 00-0011 EA 5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120).....	7,586.87	223.65
07 72 36 00-0012 EA 5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666).....	5,078.95	193.87
07 72 36 00-0013 EA 5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114).....	10,724.69	238.58
07 72 36 00-0014 EA 6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272).....	5,847.12	253.52
07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb (07 72 36 00-0001)		
07 72 36 00-0016 EA 4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A).....	2,346.46	119.29
07 72 36 00-0017 EA 4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A).....	2,687.85	164.00
07 72 36 00-0018 EA 4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A).....	3,024.64	178.93
07 72 36 00-0019 EA 4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A).....	3,131.72	187.88
07 72 36 00-0020 EA 5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A).....	3,042.43	164.00
07 72 36 00-0021 EA 5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A).....	3,887.68	178.93
07 72 36 00-0022 EA 5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A).....	4,157.55	193.87
07 72 36 00-0023 EA 5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A).....	4,046.10	208.81
07 72 36 00-0024 EA 5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A).....	5,687.49	223.65
07 72 36 00-0025 EA 5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A).....	3,923.39	193.87
07 72 36 00-0026 EA 5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A).....	7,462.69	238.58
07 72 36 00-0027 EA 6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A).....	3,845.56	253.52
07 72 36 00-0028 Aluminum Covers And Curb (07 72 36 00-0001)		
07 72 36 00-0029 EA 4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B).....	2,560.55	119.29
07 72 36 00-0030 EA 4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B).....	3,042.43	164.00
07 72 36 00-0031 EA 4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B).....	3,339.08	178.93
07 72 36 00-0032 EA 4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B).....	3,533.13	187.88
07 72 36 00-0033 EA 5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B).....	3,203.00	164.00
07 72 36 00-0034 EA 5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B).....	4,054.93	178.93
07 72 36 00-0035 EA 5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B).....	4,304.73	193.87
07 72 36 00-0036 EA 5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B).....	4,447.51	208.81
07 72 36 00-0037 EA 5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B).....	5,399.81	223.65
07 72 36 00-0038 EA 5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B).....	4,110.71	193.87
07 72 36 00-0039 EA 5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B).....	8,151.78	238.58
07 72 36 00-0040 EA 6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B).....	4,246.98	253.52
07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07 72 36)		
07 72 36 00-0042 EA 4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B).....	2,533.79	118.94
07 72 36 00-0043 EA 4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B).....	3,209.68	164.00
07 72 36 00-0044 EA 4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B).....	3,392.62	187.88
07 72 36 00-0045 EA 5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B).....	3,644.55	164.00
07 72 36 00-0046 EA 5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B).....	3,845.41	208.81
07 72 46 Roof Walkways (07 72)		
07 72 46 00-0001 Recycled Rubber Walkway Pads (07 72 46)		
07 72 46 00-0002 SF 3/8" Thick, Button Surface, Recycled Rubber Walkway Pad For Diamond Surface, Add	9.29 0.72	2.49
07 72 46 00-0003 SF 1/2" Thick, Button Surface, Recycled Rubber Walkway Pad For Diamond Surface, Add	10.29 0.84	2.99
07 72 46 00-0004 SF 3/4" Thick, Button Surface, Recycled Rubber Walkway Pad For Diamond Surface, Add	11.35 0.93	2.99
07 72 63 Waste Containment Assemblies (07 72)		
07 72 63 00-0001 Rooftop Oil And Grease Containment System (07 72 63)		

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 72	Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 63 00-0002	Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)			
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E).....	2,127.73	199.40
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E).....	2,361.93	199.40
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E).....	2,872.11	207.38
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E).....	2,858.72	207.38
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E).....	3,701.75	224.33
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E).....	2,921.97	224.33
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E).....	3,267.48	265.80
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E).....	4,772.10	332.30
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E).....	5,869.82	332.30
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E).....	7,375.84	332.30
07 72 63 00-0013	Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) (07 72 63 00-0001)			
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100).....	2,586.16	199.40
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101).....	2,890.72	199.40
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106).....	3,544.80	207.38
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102).....	3,605.05	207.38
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103).....	5,097.33	224.33
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111).....	5,575.91	224.33
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105).....	5,221.96	265.80
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112).....	5,903.29	332.30
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107).....	7,332.33	332.30
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	9,290.15	332.30
07 72 63 00-0024	Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63) Note: Includes removing old filters and installing new filters.			
07 72 63 00-0025	Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)			
07 72 63 00-0026	Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0025)			
07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E).....	172.10	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E).....	239.05	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E).....	339.44	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E).....	315.95	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E).....	583.69	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E).....	590.38	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E).....	459.79	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E).....	593.66	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E).....	864.74	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E).....	1,135.83	
07 72 63 00-0037	Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)			



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0038		Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC).....	354.40	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC).....	468.19	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC).....	675.69	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC).....	632.11	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC).....	1,204.39	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC).....	1,211.08	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC).....	903.12	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC).....	1,214.37	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC).....	1,773.27	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC).....	2,355.60	
07 72 63 00-0049		Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C).....	438.07	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C).....	541.82	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C).....	789.47	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C).....	749.24	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C).....	1,448.70	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C).....	1,442.01	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C).....	1,057.08	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C).....	1,458.68	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C).....	2,041.01	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C).....	2,834.18	
07 73		Roof Protection Board (07 70)		
07 73 00 00-0001		Roof Protection Board (07 73) Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.		
07 73 00 00-0002		Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)		
07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.07	0.50
		For No Adhesive, Deduct	-0.64	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.46	0.55
		For No Adhesive, Deduct	-0.66	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.65	0.60
		For No Adhesive, Deduct	-0.68	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.10	0.50
		For No Adhesive, Deduct	-0.64	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.52	0.55
		For No Adhesive, Deduct	-0.66	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.71	0.60
		For No Adhesive, Deduct	-0.68	
07 73 00 00-0009		Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)		
07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped.....	3.05	0.50
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped.....	3.46	0.55

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 73 Roof Protection Board



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0012	SF		5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped.....	3.67	0.60
07 73 00 00-0013	SF		1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped.....	3.09	0.50
07 73 00 00-0014	SF		1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped.....	3.51	0.55
07 73 00 00-0015	SF		5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped.....	3.73	0.60
07 73 00 00-0016			Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001) Note: Mechanically fastened to wood or steel.		
07 73 00 00-0017	SF		1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	2.93	0.50
			For Mechanically Fastened To Concrete, Add.....	1.34	
			For Mechanically Fastened To Gypsum, Add.....	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add.....	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add.....	2.30	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add.....	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add.....	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add.....	3.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add.....	2.96	
07 73 00 00-0018	SF		1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.33	0.55
			For Mechanically Fastened To Concrete, Add.....	1.34	
			For Mechanically Fastened To Gypsum, Add.....	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add.....	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add.....	2.37	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add.....	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add.....	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add.....	3.19	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add.....	2.96	
07 73 00 00-0019	SF		5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.52	0.60
			For Mechanically Fastened To Concrete, Add.....	1.34	
			For Mechanically Fastened To Gypsum, Add.....	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add.....	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add.....	2.42	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add.....	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add.....	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add.....	3.24	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add.....	2.96	
07 73 00 00-0020	SF		1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	2.97	0.50
			For Mechanically Fastened To Concrete, Add.....	1.34	
			For Mechanically Fastened To Gypsum, Add.....	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add.....	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add.....	2.30	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add.....	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add.....	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add.....	3.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add.....	2.96	
07 73 00 00-0021	SF		1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.39	0.55
			For Mechanically Fastened To Concrete, Add.....	1.34	
			For Mechanically Fastened To Gypsum, Add.....	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add.....	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add.....	2.37	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add.....	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add.....	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add.....	3.19	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add.....	2.96	
07 73 00 00-0022	SF		5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.58	0.60
			For Mechanically Fastened To Concrete, Add.....	1.34	
			For Mechanically Fastened To Gypsum, Add.....	1.67	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add.....	0.51	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add.....	2.42	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add.....	1.98	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add.....	0.77	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add.....	3.24	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add.....	2.96	

07 76 Roof Pavers (07 70)

07 76 16 Roof Decking Pavers (07 76)

07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF		Up To 100 SF, 2" Concrete Roof Paver.....	12.44	6.46
			For 1-1/2" Thickness, Deduct.....	-1.24	
			For 2-1/2" Thickness, Add.....	1.44	
			For 3" Thickness, Add.....	2.89	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Pavers			07 76

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 16 00-0003 SF >100 To 200 SF, 2" Concrete Roof Paver..... For 1-1/2" Thickness, Deduct For 2-1/2" Thickness, Add For 3" Thickness, Add	11.24 -1.12 1.31 2.63	4.87
07 76 16 00-0004 SF >200 To 400 SF, 2" Concrete Roof Paver..... For 1-1/2" Thickness, Deduct For 2-1/2" Thickness, Add For 3" Thickness, Add	10.53 -1.05 1.23 2.46	3.87
07 76 16 00-0005 SF >400 To 1,000 SF, 2" Concrete Roof Paver..... For 1-1/2" Thickness, Deduct For 2-1/2" Thickness, Add For 3" Thickness, Add	10.08 -1.01 1.18 2.35	3.38
07 76 16 00-0006 SF >1,000 SF, 2" Concrete Roof Paver..... For 1-1/2" Thickness, Deduct For 2-1/2" Thickness, Add For 3" Thickness, Add	9.51 -0.95 1.11 2.22	3.08
07 76 16 00-0007 Roof Paver Pedestal (07 76 16)		
07 76 16 00-0008 EA 2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator).....	17.86	0.99
07 76 16 00-0009 EA 3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator).....	18.86	0.99
07 76 16 00-0010 EA 4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator).....	19.86	0.99
07 76 16 00-0011 EA Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	9.75	0.99
07 76 16 00-0012 EA Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator).....	9.27	0.99
07 76 16 00-0013 EA 5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal)..... Note: Stackable.	9.47	0.99
07 76 16 00-0014 EA 1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal..... Note: Used with High Tab and Elevator pedestals.	5.26	0.99
07 76 16 00-0015 EA Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator)..... Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	7.36	0.99
07 76 19 Composite Insulation Concrete Protection Board (07 76) Note: Manufactured by T. Clear Corp. 25 year warranty.		
07 76 19 00-0001 Composite Insulation Concrete Protection Board (07 76 19) Note: Manufactured by T. Clear Corp. 25 year warranty.		
07 76 19 00-0002 SF 2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF..... For 20 Year Warranty, Deduct For 15 Year Warranty, Deduct For 10 Year Warranty, Deduct For Winds >90 MPH To 120 MPH Warranty, Add	4.30 -0.23 -0.46 -0.63 0.10	
07 76 19 00-0003 SF 3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF..... For 20 Year Warranty, Deduct For 15 Year Warranty, Deduct For 10 Year Warranty, Deduct For Winds >90 MPH To 120 MPH Warranty, Add	5.52 -0.33 -0.66 -0.89 0.10	
07 76 19 00-0004 SF 2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF..... For 20 Year Warranty, Deduct For 15 Year Warranty, Deduct For 10 Year Warranty, Deduct For Winds >90 MPH To 120 MPH Warranty, Add	6.50 -0.38 -0.77 -1.04 0.10	
07 76 19 00-0005 SF 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF..... For 20 Year Warranty, Deduct For 15 Year Warranty, Deduct For 10 Year Warranty, Deduct For Winds >90 MPH To 120 MPH Warranty, Add	7.79 -0.48 -0.96 -1.30 0.10	
07 80 Fire and Smoke Protection (07)		
07 81 Applied Fireproofing (07 80) Note: Includes bonding agents as required.		
07 81 16 Cementitious Fireproofing (07 81)		
07 81 16 00-0001 Monokote Fireproofing (07 81 16)		
07 81 16 00-0002 SF Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....	1.90	0.67
07 81 16 00-0003 SF Monokote Fireproofing For Structural Steel, Per Inch Of Thickness.....	2.66	1.00
07 81 16 00-0004 Gunitite Fireproofing (07 81 16)		
07 81 16 00-0005 SF Fireproofing, Gunitite, Non Reinforced, 1" Thick.....	2.95	0.60
07 81 16 00-0006 SF Fireproofing, Gunitite, Reinforced, 1" Thick.....	4.24	0.60
07 81 23 Intumescent Fireproofing (07 81)		
07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) (07 81 23)		
07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) (07 81 23 00-0001) Note: Excludes primer.		
07 81 23 00-0003 SF 1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)..... For >10,000, Deduct	11.21 -1.07	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 81 Applied Fireproofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 81 23 00-0004 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)17.99
For >10,000, Deduct -1.75

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad

TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0006 SF 1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....7.29
For >10,000, Deduct -0.68
07 81 23 00-0007 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)16.13
For >10,000, Deduct -1.56
07 81 23 00-0008 SF 2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....36.45
For >10,000, Deduct -3.59
07 81 23 00-0009 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)50.17
For >10,000, Deduct -4.96
07 81 23 00-0010 SF 3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....63.90
For >10,000, Deduct -6.33
07 81 23 00-0011 SF 3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)77.63
For >10,000, Deduct -7.69

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad

TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0013 SF 1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....14.69
For >10,000, Deduct -1.42
07 81 23 00-0014 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)27.28
For >10,000, Deduct -2.67
07 81 23 00-0015 SF 2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....43.28
For >10,000, Deduct -4.27
07 81 23 00-0016 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)60.43
For >10,000, Deduct -5.98
07 81 23 00-0017 SF 3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)76.43
For >10,000, Deduct -7.58

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)**07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)** (07 81 23 00-0018)

Note: Excludes primer.

07 81 23 00-0020 SF 1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....7.13
For >10,000, Deduct -0.68
07 81 23 00-0021 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....16.22
For >10,000, Deduct -1.58
07 81 23 00-0022 SF 2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....37.17
For >10,000, Deduct -3.68
07 81 23 00-0023 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)51.28
For >10,000, Deduct -5.08
07 81 23 00-0024 SF 3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....65.41
For >10,000, Deduct -6.49

07 81 33 Mineral-Fiber Fireproofing (07 81)**07 81 33 00-0001 Cellulose Fireproofing** (07 81 33)

07 81 33 00-0002 SF Cellulose Fireproofing, Per Inch Of Thickness2.10 0.60

07 84 Firestopping (07 80)**07 84 13 Penetration Firestopping** (07 84)**07 84 13 16 Penetration Firestopping Devices** (07 84 13)**07 84 13 16-0001 Firestopping Systems For Cable Penetrations** (07 84 13 16)**07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations** (07 84 13 16-0001)

Note: Includes putty, escutcheon plates, gaskets and bushings.

07 84 13 16-0003 EA 1" Diameter Intumescent Firestop Sleeve (STI FS100)54.68
07 84 13 16-0004 EA 2" Diameter Intumescent Firestop Sleeve (STI FS201)74.24
07 84 13 16-0005 EA 4" Diameter Intumescent Firestop Sleeve (STI FS401)121.82

07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07 84 13 16-0001)

Note: Includes pathway, putty and wall/floor mounting plates.

07 84 13 16-0007 EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22).....101.77



Thermal And Moisture Protection			07
Fire and Smoke Protection			07 80
Firestopping			07 84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	179.82	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	330.85	
07 84 13 16-0010		3M Intumescent Firestopping Multi-Trade Pass Through Device (07 84 13 16)		
07 84 13 16-0011	EA	2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	229.96	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	212.68	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	219.24	
07 84 13 16-0014		Intumescent Firestopping Pipe Collar (07 84 13 16)		
07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	35.30	10.14
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	42.54	10.14
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	49.48	11.15
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	77.39	12.67
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	379.71	15.20
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	490.52	16.72
07 84 13 16-0021		Fire Rated Enclosures (Fire Rated Product Specialties Corp.) (07 84 13 16)		
		Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)	122.74	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)	129.47	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)	246.86	
		Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)	159.04	
		Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		
07 84 13 16-0026		Intumescent Firestopping Wrap Strips (07 84 13 16)		
07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	5.62	
07 84 13 19		Penetration Firestopping Caulk (07 84 13)		
07 84 13 19-0001		Intumescent Firestopping For Sealing Pipe Penetrations (07 84 13 19)		
		Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	18.72	
		For Intumescent Sealant For Plastic Pipe, Add	0.06	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	23.10	
		For Intumescent Sealant For Plastic Pipe, Add	0.33	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	22.89	
		For Intumescent Sealant For Plastic Pipe, Add	0.24	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	22.55	
		For Intumescent Sealant For Plastic Pipe, Add	0.11	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.84	
		For Intumescent Sealant For Plastic Pipe, Add	0.70	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.62	
		For Intumescent Sealant For Plastic Pipe, Add	0.62	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.28	
		For Intumescent Sealant For Plastic Pipe, Add	0.48	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	25.75	
		For Intumescent Sealant For Plastic Pipe, Add	0.27	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	25.29	
		For Intumescent Sealant For Plastic Pipe, Add	0.08	
07 84 13 19-0011	EA	2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.66	
		For Intumescent Sealant For Plastic Pipe, Add	1.18	
07 84 13 19-0012	EA	2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.45	
		For Intumescent Sealant For Plastic Pipe, Add	1.10	
07 84 13 19-0013	EA	2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.10	
		For Intumescent Sealant For Plastic Pipe, Add	0.96	
07 84 13 19-0014	EA	2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.57	
		For Intumescent Sealant For Plastic Pipe, Add	0.74	
07 84 13 19-0015	EA	2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.12	
		For Intumescent Sealant For Plastic Pipe, Add	0.56	
07 84 13 19-0016	EA	2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.03	
		For Intumescent Sealant For Plastic Pipe, Add	0.13	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	45.08	
		For Intumescent Sealant For Plastic Pipe, Add	3.18	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	41.35	
		For Intumescent Sealant For Plastic Pipe, Add	1.68	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	41.00	
		For Intumescent Sealant For Plastic Pipe, Add	1.54	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.46	
		For Intumescent Sealant For Plastic Pipe, Add	1.33	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.01	
		For Intumescent Sealant For Plastic Pipe, Add	1.15	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	38.93	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.72	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	37.53	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.16	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	61.09	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.86	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	60.71	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.71	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	60.09	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.46	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	59.12	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.08	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	58.30	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.75	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	51.94	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.20	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	50.55	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.65	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	48.43	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.80	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	98.83	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	13.53	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	98.45	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	13.38	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	97.83	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	13.13	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	96.87	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	12.74	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	96.05	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	12.42	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	94.10	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	11.64	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	91.59	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	10.63	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	87.77	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	9.10	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	73.40	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	3.36	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	132.33	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	21.36	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	128.51	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	19.84	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	120.84	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.77	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	89.59	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.27	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	169.28	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	30.57	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	146.56	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	21.48	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	106.45	
		<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.44	
07 84 13 19-0048		Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations (07 84 13 19)		
		Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.		
07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	22.56	
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	22.48	
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	22.37	
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.67	
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.59	
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.48	
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.31	
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.16	
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.72	
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.65	
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.54	
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.37	
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.23	



Thermal And Moisture Protection		07	07
Fire and Smoke Protection		07 80	
Firestopping		07 84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0062	EA		2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	29.85	
07 84 13 19-0063	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.64	
07 84 13 19-0064	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.57	
07 84 13 19-0065	EA		3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.46	
07 84 13 19-0066	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.29	
07 84 13 19-0067	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.14	
07 84 13 19-0068	EA		3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.77	
07 84 13 19-0069	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.26	
07 84 13 19-0070	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.23	
07 84 13 19-0071	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.15	
07 84 13 19-0072	EA		4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.04	
07 84 13 19-0073	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.86	
07 84 13 19-0074	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.68	
07 84 13 19-0075	EA		4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.31	
07 84 13 19-0076	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.84	
07 84 13 19-0077	EA		4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.10	
07 84 13 19-0078	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.46	
07 84 13 19-0079	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.38	
07 84 13 19-0080	EA		6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.27	
07 84 13 19-0081	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.10	
07 84 13 19-0082	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.96	
07 84 13 19-0083	EA		6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.58	
07 84 13 19-0084	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.07	
07 84 13 19-0085	EA		6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	69.37	
07 84 13 19-0086	EA		6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	67.86	
07 84 13 19-0087	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	89.11	
07 84 13 19-0088	EA		8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.40	
07 84 13 19-0089	EA		8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.89	
07 84 13 19-0090	EA		8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	82.61	
07 84 13 19-0091	EA		10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	107.44	
07 84 13 19-0092	EA		10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	103.15	
07 84 13 19-0093	EA		10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	97.49	

07 84 16 Annular Space Firestopping Protection (07 84)

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	30.06
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	43.41
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	45.26
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	47.13
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	48.98
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	62.34

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	12.05
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	12.54
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	11.64
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	12.57

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	12.21	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	11.70	
07 84 16 00-0016		Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)		
07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	32.18	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	34.54	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	37.45	
07 84 16 00-0020		Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)		
Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.				
07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28).....	289.65	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2).....	410.51	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3).....	557.52	
07 84 16 00-0024		Endothermic Mat Wrap Fire Barrier (07 84 16)		
Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.				
07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	43.14	
07 84 16 00-0026		Firestopping Caulk For Filling Opening (07 84 16)		
07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	162.95	
07 84 16 00-0028		Firestopping Mortar For Filling Opening (07 84 16)		
07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series).....	150.04	
07 84 23		Silicone Firestopping Foams (07 84)		
07 84 23 00-0001		Silicone RTV Foam Seal For Blank Openings (07 84 23)		
07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	37.58	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	92.44	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	166.38	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	257.33	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	370.03	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	499.85	
07 84 43		Joint Firestopping (07 84)		
07 84 43 00-0001		Intumescent Firestopping Sealant For Joints (3M CP 25WB+) (07 84 43)		
07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	332.08	83.57
For Up To 6 CLF, Add			18.64	
For >30 CLF, Deduct			-20.67	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	372.79	83.57
For Up To 4 CLF, Add			21.69	
For >20 CLF, Deduct			-24.74	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	422.76	86.36
For Up To 3 CLF, Add			25.21	
For >15 CLF, Deduct			-29.28	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	443.10	86.36
For Up To 2.5 CLF, Add			26.73	
For >13 CLF, Deduct			-31.31	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	504.14	86.36
For Up To 2 CLF, Add			31.31	
For >10 CLF, Deduct			-37.41	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	565.17	86.36
For Up To 1.5 CLF, Add			35.89	
For >8 CLF, Deduct			-43.52	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	635.49	90.07
For Up To 1.3 CLF, Add			40.93	
For >7 CLF, Deduct			-50.09	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	594.80	90.07
For Up To 1.4 CLF, Add			37.88	
For >7.5 CLF, Deduct			-46.02	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	685.48	92.86
For Up To 1.15 CLF, Add			44.45	
For >6 CLF, Deduct			-54.62	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	766.86	92.86
For Up To 1 CLF, Add			50.55	
For >5 CLF, Deduct			-62.76	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	857.52	95.64
For Up To 0.8 CLF, Add			57.12	
For >4.5 CLF, Deduct			-71.36	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	948.17	99.35
For Up To 0.75 CLF, Add			63.68	
For >4 CLF, Deduct			-79.96	



Thermal And Moisture Protection			07
Fire and Smoke Protection			07 80
Firestopping			07 84

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,038.84	102.14	
		For Up To 0.65 CLF, Add	70.25		
		For >3.5 CLF, Deduct	-88.56		
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,310.84	111.43	
		For Up To 0.5 CLF, Add	89.96		
		For >2.5 CLF, Deduct	-114.37		
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	146.48		
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,673.50	123.50	
		For Up To 0.4 CLF, Add	116.23		
		For >2 CLF, Deduct	-148.78		
07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) (07 84)					
		43)			
07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	343.41	83.57	
		For Up To 6 CLF, Add	19.49		
		For >30 CLF, Deduct	-21.81		
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	389.76	83.57	
		For Up To 4 CLF, Add	22.96		
		For >20 CLF, Deduct	-26.44		
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	445.39	86.36	
		For Up To 3 CLF, Add	26.90		
		For >15 CLF, Deduct	-31.54		
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	468.56	86.36	
		For Up To 2.5 CLF, Add	28.64		
		For >13 CLF, Deduct	-33.86		
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	538.08	86.36	
		For Up To 2 CLF, Add	33.86		
		For >10 CLF, Deduct	-40.81		
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	607.60	86.36	
		For Up To 1.5 CLF, Add	39.07		
		For >8 CLF, Deduct	-47.76		
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	686.40	90.07	
		For Up To 1.3 CLF, Add	44.75		
		For >7 CLF, Deduct	-55.18		
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	640.06	90.07	
		For Up To 1.4 CLF, Add	41.27		
		For >7.5 CLF, Deduct	-50.54		
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	742.05	92.86	
		For Up To 1.15 CLF, Add	48.69		
		For >6 CLF, Deduct	-60.28		
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	834.74	92.86	
		For Up To 1 CLF, Add	55.64		
		For >5 CLF, Deduct	-69.55		
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	936.72	95.64	
		For Up To 0.8 CLF, Add	63.06		
		For >4.5 CLF, Deduct	-79.28		
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,038.69	99.35	
		For Up To 0.75 CLF, Add	70.47		
		For >4 CLF, Deduct	-89.01		
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,140.68	102.14	
		For Up To 0.65 CLF, Add	77.89		
		For >3.5 CLF, Deduct	-98.75		
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,446.62	111.43	
		For Up To 0.5 CLF, Add	100.14		
		For >2.5 CLF, Deduct	-127.95		
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,854.53	123.50	
		For Up To 0.4 CLF, Add	129.80		
		For >2 CLF, Deduct	-166.88		
07 84 43 00-0033 Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) (07 84)					
		43)			
07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	298.67	83.57	
		For Up To 6 CLF, Add	16.13		
		For >30 CLF, Deduct	-17.33		
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	322.64	83.57	
		For Up To 4 CLF, Add	17.93		
		For >20 CLF, Deduct	-19.73		
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	355.89	86.36	
		For Up To 3 CLF, Add	20.19		
		For >15 CLF, Deduct	-22.59		
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	367.88	86.36	
		For Up To 2.5 CLF, Add	21.09		
		For >13 CLF, Deduct	-23.79		
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	403.84	86.36	
		For Up To 2 CLF, Add	23.79		
		For >10 CLF, Deduct	-27.38		

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0039	CLF		3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	439.79	86.36
			For Up To 1.5 CLF, Add	26.48	
			For >8 CLF, Deduct	-30.98	
07 84 43 00-0040	CLF		3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	485.03	90.07
			For Up To 1.3 CLF, Add	29.65	
			For >7 CLF, Deduct	-35.04	
07 84 43 00-0041	CLF		1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	461.06	90.07
			For Up To 1.4 CLF, Add	27.85	
			For >7.5 CLF, Deduct	-32.64	
07 84 43 00-0042	CLF		1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	518.31	92.86
			For Up To 1.15 CLF, Add	31.91	
			For >6 CLF, Deduct	-37.90	
07 84 43 00-0043	CLF		1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	566.25	92.86
			For Up To 1 CLF, Add	35.50	
			For >5 CLF, Deduct	-42.70	
07 84 43 00-0044	CLF		1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	623.48	95.64
			For Up To 0.8 CLF, Add	39.56	
			For >4.5 CLF, Deduct	-47.96	
07 84 43 00-0045	CLF		1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	680.70	99.35
			For Up To 0.75 CLF, Add	43.62	
			For >4 CLF, Deduct	-53.21	
07 84 43 00-0046	CLF		3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	737.94	102.14
			For Up To 0.65 CLF, Add	47.68	
			For >3.5 CLF, Deduct	-58.47	
07 84 43 00-0047	CLF		3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	909.63	111.43
			For Up To 0.5 CLF, Add	59.87	
			For >2.5 CLF, Deduct	-74.25	
07 84 43 00-0048	CLF		1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,138.55	123.50
			For Up To 0.4 CLF, Add	76.11	
			For >2 CLF, Deduct	-95.28	
07 84 56			Fire Safing (07 84)		
07 84 56 13			Fibrous Fire Safing (07 84 56)		
07 84 56 13-0001			Thermal Barrier Wrap (07 84 56 13)		
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
07 84 56 13-0002	SF		1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	8.88	
			For Work In Restricted Working Space, Add	1.12	
07 84 56 13-0003	SF		1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	14.42	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	1.12	
07 84 56 13-0004	SF		2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	15.75	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	1.12	
07 84 56 13-0005			FireMaster Blanket Wrap Fireproofing (07 84 56 13)		
07 84 56 13-0006	SF		1/2" Thermal Ceramics FireMaster Blanket Wrap	16.39	9.57
			For Work In Restricted Working Space, Add	3.85	
			For >500 To 5,000, Deduct	-1.46	
			For >5,000, Deduct	-2.60	
07 84 56 13-0007	SF		1" Thermal Ceramics FireMaster Blanket Wrap	19.35	9.57
			For Work In Restricted Working Space, Add	3.85	
			For >500 To 5,000, Deduct	-2.14	
			For >5,000, Deduct	-3.70	
07 84 56 13-0008	SF		1-1/2" Thermal Ceramics FireMaster Blanket Wrap	22.59	9.57
			For Work In Restricted Working Space, Add	3.85	
			For >500 To 5,000, Deduct	-2.89	
			For >5,000, Deduct	-4.90	
07 84 56 13-0009	SF		2" Thermal Ceramics FireMaster Blanket Wrap	25.84	9.57
			For Work In Restricted Working Space, Add	3.85	
			For >500 To 5,000, Deduct	-3.64	
			For >5,000, Deduct	-6.10	

07 90 Joint Protection (07)**07 91 Preformed Joint Seals (07 90)****07 91 23 Backer Rods (07 91)****07 91 23 00-0001 Backer Rods (07 91 23)**

07 91 23 00-0002	LF		1/4" Polyethylene Or Polyurethane Backer Rod.....	1.64	0.50
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Thermal And Moisture Protection			07
Joint Protection			07 90
Preformed Joint Seals			07 91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod.....	1.75	0.50
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod.....	1.89	0.50
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod.....	2.04	0.50
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod.....	2.13	0.60
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod.....	2.26	0.60
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod.....	2.56	0.60
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod.....	2.86	0.69
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod.....	3.25	0.79
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod.....	3.95	0.89
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod.....	6.49	1.10
07 91 26 Joint Fillers (07 91)				
07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)				
07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler.....	2.21	0.60
		For Custom Match Coloring, Add.....	0.03	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler.....	6.56	1.70
		For Custom Match Coloring, Add.....	0.12	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler.....	7.83	1.80
		For Custom Match Coloring, Add.....	0.19	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler.....	8.40	1.90
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler.....	10.95	3.49
07 91 26 00-0007 Closed Cell Neoprene (07 91 26)				
07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive.....	395.82	115.06
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive.....	627.96	166.21
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive.....	505.41	142.48
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive.....	576.69	149.55
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive.....	880.47	230.12
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive.....	1,002.30	249.25
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive.....	889.59	181.26
07 91 26 00-0015 Closed Cell Polyvinyl Chloride (07 91 26)				
07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell.....	402.15	142.48
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell.....	665.96	230.12
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell.....	521.59	196.41
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell.....	616.80	207.38
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell.....	939.94	318.05
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell.....	1,090.25	345.16
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell.....	1,427.63	413.76
07 91 26 00-0023 Silicon RTV Foam Penetration Seal (07 91 26)				
07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal.....	145.95	22.83
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal.....	291.89	45.56
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal.....	435.27	67.70
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal.....	618.82	91.23
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal.....	145.95	22.83
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal.....	434.87	67.50
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal.....	757.52	101.39
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal.....	1,513.26	202.09
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal.....	2,889.19	364.81
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal.....	4,407.11	569.89
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal.....	6,398.07	911.87
07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" (07 91 26)				
07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal.....	4.24	1.30
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal.....	4.50	1.30
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal.....	4.74	1.40
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal.....	4.98	1.50
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal.....	5.33	1.60
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal.....	5.58	1.60
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal.....	5.89	1.70
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal.....	6.08	1.70
07 91 33 Expansion Joint Seal Systems (07 91)				
07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) (07 91 33)				
07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)				
Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.				
07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH).....	63.69	5.90
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH).....	84.58	6.19

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Preformed Joint Seals**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH).....	106.62	6.46
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH).....	131.13	6.75
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH).....	169.50	7.02
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH).....	194.42	7.31
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH).....	225.31	7.58
07 91 33 00-0010		Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001) Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162).....	33.58	5.90
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175).....	36.50	5.98
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200).....	43.71	6.07
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225).....	46.30	6.19
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250).....	49.36	6.27
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300).....	60.04	6.35
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350).....	73.58	6.46
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400).....	86.72	6.75
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....	97.97	7.02
07 91 33 00-0020		Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001) Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100).....	28.45	5.90
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225).....	36.46	6.19
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250).....	44.33	6.46
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300).....	46.74	6.60
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400).....	51.65	6.75
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500).....	73.15	7.02
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....	99.73	7.31
07 91 33 00-0028		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	23.27	2.34
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	38.70	2.44
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	58.01	2.53
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	73.05	2.62
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	95.96	2.72
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	126.78	2.81
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	155.40	2.90
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	209.38	3.00
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	244.38	3.09
07 91 33 00-0038		Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	22.71	2.34



Thermal And Moisture Protection			07
Joint Protection			07 90
Preformed Joint Seals			07 91

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0040	LF		1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	29.83	2.44
07 91 33 00-0041	LF		1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	39.85	2.53
07 91 33 00-0042	LF		1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	53.91	2.62
07 91 33 00-0043	LF		2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	61.44	2.72
07 91 33 00-0044	LF		2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	85.05	2.81
07 91 33 00-0045	LF		3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	114.09	2.90
07 91 33 00-0046	LF		3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	123.14	3.00

07 92 Joint Sealants (07 90)

07 92 13 Elastomeric Joint Sealants (07 92)

07 92 13 00-0001 Silicone Sealant And Caulking (07 92 13)

07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	287.37	83.57
		For Custom Match Coloring, Add	8.80	
		For Up To 6 CLF, Add	15.28	
		For >30 CLF, Deduct	-16.20	
		For 1 Part Mildew Resistant, Add	12.83	
		For High-Modulus Non-Acid Curing, Add	7.33	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	305.70	83.57
		For Custom Match Coloring, Add	13.20	
		For Up To 4 CLF, Add	16.66	
		For >20 CLF, Deduct	-18.03	
		For 1 Part Mildew Resistant, Add	19.24	
		For High-Modulus Non-Acid Curing, Add	11.00	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	333.31	86.36
		For Custom Match Coloring, Add	17.59	
		For Up To 3 CLF, Add	18.50	
		For >15 CLF, Deduct	-20.33	
		For 1 Part Mildew Resistant, Add	25.66	
		For High-Modulus Non-Acid Curing, Add	14.66	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	342.47	86.36
		For Custom Match Coloring, Add	19.79	
		For Up To 2.5 CLF, Add	19.19	
		For >13 CLF, Deduct	-21.25	
		For 1 Part Mildew Resistant, Add	28.86	
		For High-Modulus Non-Acid Curing, Add	16.49	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	369.96	86.36
		For Custom Match Coloring, Add	26.39	
		For Up To 2 CLF, Add	21.25	
		For >10 CLF, Deduct	-24.00	
		For 1 Part Mildew Resistant, Add	38.49	
		For High-Modulus Non-Acid Curing, Add	21.99	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	397.45	86.36
		For Custom Match Coloring, Add	32.99	
		For Up To 1.5 CLF, Add	23.31	
		For >8 CLF, Deduct	-26.75	
		For 1 Part Mildew Resistant, Add	48.11	
		For High-Modulus Non-Acid Curing, Add	27.49	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	434.22	90.07
		For Custom Match Coloring, Add	39.59	
		For Up To 1.3 CLF, Add	25.83	
		For >7 CLF, Deduct	-29.96	
		For 1 Part Mildew Resistant, Add	57.73	
		For High-Modulus Non-Acid Curing, Add	32.99	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	415.90	90.07
		For Custom Match Coloring, Add	35.19	
		For Up To 1.4 CLF, Add	24.46	
		For >7.5 CLF, Deduct	-28.13	
		For 1 Part Mildew Resistant, Add	51.32	
		For High-Modulus Non-Acid Curing, Add	29.32	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	461.85	92.86
		For Custom Match Coloring, Add	43.98	
		For Up To 1.15 CLF, Add	27.67	
		For >6 CLF, Deduct	-32.26	
		For 1 Part Mildew Resistant, Add	64.14	
		For High-Modulus Non-Acid Curing, Add	36.65	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	498.50	92.86
		For Custom Match Coloring, Add	52.78	
		For Up To 1 CLF, Add	30.42	
		For >5 CLF, Deduct	-35.92	
		For 1 Part Mildew Resistant, Add	76.97	
		For High-Modulus Non-Acid Curing, Add	43.98	

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	544.44	95.64
		For Custom Match Coloring, Add	61.58	
		For Up To 0.8 CLF, Add	33.64	
		For >4.5 CLF, Deduct	-40.05	
		For 1 Part Mildew Resistant, Add	89.80	
		For High-Modulus Non-Acid Curing, Add	51.32	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	590.37	99.35
		For Custom Match Coloring, Add	70.38	
		For Up To 0.75 CLF, Add	36.85	
		For >4 CLF, Deduct	-44.18	
		For 1 Part Mildew Resistant, Add	102.63	
		For High-Modulus Non-Acid Curing, Add	58.65	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	636.31	102.14
		For Custom Match Coloring, Add	79.17	
		For Up To 0.65 CLF, Add	40.06	
		For >3.5 CLF, Deduct	-48.31	
		For 1 Part Mildew Resistant, Add	115.46	
		For High-Modulus Non-Acid Curing, Add	65.98	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	774.14	111.43
		For Custom Match Coloring, Add	105.56	
		For Up To 0.5 CLF, Add	49.70	
		For >2.5 CLF, Deduct	-60.70	
		For 1 Part Mildew Resistant, Add	153.95	
		For High-Modulus Non-Acid Curing, Add	87.97	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	957.89	123.50
		For Custom Match Coloring, Add	140.75	
		For Up To 0.4 CLF, Add	62.56	
		For >2 CLF, Deduct	-77.22	
		For 1 Part Mildew Resistant, Add	205.26	
		For High-Modulus Non-Acid Curing, Add	117.29	
07 92 13 00-0017		Acrylic/Latex Sealant And Caulking (07 92 13)		
07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	263.58	83.57
		For Up To 6 CLF, Add	13.50	
		For >30 CLF, Deduct	-13.82	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	270.01	83.57
		For Up To 4 CLF, Add	13.98	
		For >20 CLF, Deduct	-14.47	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	285.72	86.36
		For Up To 3 CLF, Add	14.93	
		For >15 CLF, Deduct	-15.57	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	288.93	86.36
		For Up To 2.5 CLF, Add	15.17	
		For >13 CLF, Deduct	-15.89	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	298.58	86.36
		For Up To 2 CLF, Add	15.89	
		For >10 CLF, Deduct	-16.86	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	308.22	86.36
		For Up To 1.5 CLF, Add	16.62	
		For >8 CLF, Deduct	-17.82	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	327.15	90.07
		For Up To 1.3 CLF, Add	17.80	
		For >7 CLF, Deduct	-19.25	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	320.72	90.07
		For Up To 1.4 CLF, Add	17.32	
		For >7.5 CLF, Deduct	-18.61	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	342.88	92.86
		For Up To 1.15 CLF, Add	18.75	
		For >6 CLF, Deduct	-20.36	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	355.74	92.86
		For Up To 1 CLF, Add	19.72	
		For >5 CLF, Deduct	-21.65	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	377.88	95.64
		For Up To 0.8 CLF, Add	21.14	
		For >4.5 CLF, Deduct	-23.40	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	400.02	99.35
		For Up To 0.75 CLF, Add	22.57	
		For >4 CLF, Deduct	-25.15	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	422.16	102.14
		For Up To 0.65 CLF, Add	24.00	
		For >3.5 CLF, Deduct	-26.89	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	488.60	111.43
		For Up To 0.5 CLF, Add	28.29	
		For >2.5 CLF, Deduct	-32.15	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	577.18	123.50
		For Up To 0.4 CLF, Add	34.00	
		For >2 CLF, Deduct	-39.15	
07 92 13 00-0033		Polyurethane Sealant And Caulking (07 92 13)		
		Note: 1 or 2 part, non-sag.		
07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	278.83	83.57
		For Up To 6 CLF, Add	14.64	
		For >30 CLF, Deduct	-15.35	



Thermal And Moisture Protection			07
Joint Protection			07 90
Joint Sealants			07 92

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking.....	292.89	83.57	
		For Up To 4 CLF, Add	15.70		
		For >20 CLF, Deduct	-16.75		
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking.....	316.22	86.36	
		For Up To 3 CLF, Add	17.22		
		For >15 CLF, Deduct	-18.62		
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking.....	323.25	86.36	
		For Up To 2.5 CLF, Add	17.74		
		For >13 CLF, Deduct	-19.33		
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking.....	344.34	86.36	
		For Up To 2 CLF, Add	19.33		
		For >10 CLF, Deduct	-21.43		
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking.....	365.42	86.36	
		For Up To 1.5 CLF, Add	20.91		
		For >8 CLF, Deduct	-23.54		
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking.....	395.79	90.07	
		For Up To 1.3 CLF, Add	22.95		
		For >7 CLF, Deduct	-26.12		
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking.....	381.73	90.07	
		For Up To 1.4 CLF, Add	21.90		
		For >7.5 CLF, Deduct	-24.71		
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking.....	419.14	92.86	
		For Up To 1.15 CLF, Add	24.47		
		For >6 CLF, Deduct	-27.99		
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking.....	447.25	92.86	
		For Up To 1 CLF, Add	26.58		
		For >5 CLF, Deduct	-30.80		
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking.....	484.65	95.64	
		For Up To 0.8 CLF, Add	29.15		
		For >4.5 CLF, Deduct	-34.07		
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking.....	522.04	99.35	
		For Up To 0.75 CLF, Add	31.72		
		For >4 CLF, Deduct	-37.35		
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking.....	559.44	102.14	
		For Up To 0.65 CLF, Add	34.30		
		For >3.5 CLF, Deduct	-40.62		
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking.....	671.64	111.43	
		For Up To 0.5 CLF, Add	42.02		
		For >2.5 CLF, Deduct	-50.45		
07 92 13 00-0048		Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)			
		Note: 1 or 2 part, non-sag.			
07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	281.50	83.57	
		For Up To 6 CLF, Add	14.84		
		For >30 CLF, Deduct	-15.61		
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	296.90	83.57	
		For Up To 4 CLF, Add	16.00		
		For >20 CLF, Deduct	-17.15		
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	321.57	86.36	
		For Up To 3 CLF, Add	17.62		
		For >15 CLF, Deduct	-19.16		
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	329.27	86.36	
		For Up To 2.5 CLF, Add	18.20		
		For >13 CLF, Deduct	-19.93		
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	352.37	86.36	
		For Up To 2 CLF, Add	19.93		
		For >10 CLF, Deduct	-22.24		
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	375.45	86.36	
		For Up To 1.5 CLF, Add	21.66		
		For >8 CLF, Deduct	-24.55		
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	407.82	90.07	
		For Up To 1.3 CLF, Add	23.85		
		For >7 CLF, Deduct	-27.32		
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	392.43	90.07	
		For Up To 1.4 CLF, Add	22.70		
		For >7.5 CLF, Deduct	-25.78		
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	432.52	92.86	
		For Up To 1.15 CLF, Add	25.47		
		For >6 CLF, Deduct	-29.32		
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	463.30	92.86	
		For Up To 1 CLF, Add	27.78		
		For >5 CLF, Deduct	-32.40		
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	503.38	95.64	
		For Up To 0.8 CLF, Add	30.56		
		For >4.5 CLF, Deduct	-35.95		
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	543.43	99.35	
		For Up To 0.75 CLF, Add	33.33		
		For >4 CLF, Deduct	-39.49		
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	583.52	102.14	
		For Up To 0.65 CLF, Add	36.10		
		For >3.5 CLF, Deduct	-43.03		
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	703.73	111.43	
		For Up To 0.5 CLF, Add	44.42		
		For >2.5 CLF, Deduct	-53.66		

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking (07 92 13)

Note: 1 or 2 part, non-sag.

07 92 13 00-0064	CLF 1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking.....	288.03	83.57
	For Up To 6 CLF, Add	15.33	
	For >30 CLF, Deduct	-16.27	
07 92 13 00-0065	CLF 1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking.....	306.69	83.57
	For Up To 4 CLF, Add	16.73	
	For >20 CLF, Deduct	-18.13	
07 92 13 00-0066	CLF 1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking.....	334.62	86.36
	For Up To 3 CLF, Add	18.60	
	For >15 CLF, Deduct	-20.46	
07 92 13 00-0067	CLF 3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking.....	343.95	86.36
	For Up To 2.5 CLF, Add	19.30	
	For >13 CLF, Deduct	-21.40	
07 92 13 00-0068	CLF 3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking.....	371.93	86.36
	For Up To 2 CLF, Add	21.39	
	For >10 CLF, Deduct	-24.19	
07 92 13 00-0069	CLF 3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking.....	399.92	86.36
	For Up To 1.5 CLF, Add	23.49	
	For >8 CLF, Deduct	-26.99	
07 92 13 00-0070	CLF 3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking.....	437.18	90.07
	For Up To 1.3 CLF, Add	26.06	
	For >7 CLF, Deduct	-30.25	
07 92 13 00-0071	CLF 1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking.....	418.52	90.07
	For Up To 1.4 CLF, Add	24.66	
	For >7.5 CLF, Deduct	-28.39	
07 92 13 00-0072	CLF 1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking.....	465.13	92.86
	For Up To 1.15 CLF, Add	27.92	
	For >6 CLF, Deduct	-32.58	
07 92 13 00-0073	CLF 1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking.....	502.45	92.86
	For Up To 1 CLF, Add	30.72	
	For >5 CLF, Deduct	-36.32	
07 92 13 00-0074	CLF 1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking.....	549.04	95.64
	For Up To 0.8 CLF, Add	33.98	
	For >4.5 CLF, Deduct	-40.51	
07 92 13 00-0075	CLF 1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking.....	595.63	99.35
	For Up To 0.75 CLF, Add	37.24	
	For >4 CLF, Deduct	-44.71	
07 92 13 00-0076	CLF 3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking.....	642.23	102.14
	For Up To 0.65 CLF, Add	40.51	
	For >3.5 CLF, Deduct	-48.90	
07 92 13 00-0077	CLF 3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking.....	782.02	111.43
	For Up To 0.5 CLF, Add	50.29	
	For >2.5 CLF, Deduct	-61.49	

07 92 19 Acoustical Joint Sealants (07 92)**07 92 19 00-0001 Acoustical Sealant (07 92 19)**

07 92 19 00-0002	CLF 1/4" x 1/4" Joint, Acoustical Sealant.....	283.26	83.57
	For Custom Match Coloring, Add	7.81	
	For Up To 6 CLF, Add	14.98	
	For >30 CLF, Deduct	-15.79	
	For 1 Part Mildew Resistant, Add	11.39	
	For High-Modulus Non-Acid Curing, Add	6.51	
07 92 19 00-0003	CLF 1/4" x 3/8" Joint, Acoustical Sealant.....	295.62	83.57
	For Custom Match Coloring, Add	10.78	
	For Up To 4 CLF, Add	15.90	
	For >20 CLF, Deduct	-17.03	
	For 1 Part Mildew Resistant, Add	15.72	
	For High-Modulus Non-Acid Curing, Add	8.98	
07 92 19 00-0004	CLF 1/4" x 1/2" Joint, Acoustical Sealant.....	312.18	86.36
	For Custom Match Coloring, Add	12.52	
	For Up To 3 CLF, Add	16.91	
	For >15 CLF, Deduct	-18.22	
	For 1 Part Mildew Resistant, Add	18.26	
	For High-Modulus Non-Acid Curing, Add	10.44	
07 92 19 00-0005	CLF 3/8" x 3/8" Joint, Acoustical Sealant.....	332.40	86.36
	For Custom Match Coloring, Add	17.38	
	For Up To 2.5 CLF, Add	18.43	
	For >13 CLF, Deduct	-20.24	
	For 1 Part Mildew Resistant, Add	25.34	
	For High-Modulus Non-Acid Curing, Add	14.48	
07 92 19 00-0006	CLF 3/8" x 1/2" Joint, Acoustical Sealant.....	353.42	86.36
	For Custom Match Coloring, Add	22.42	
	For Up To 2 CLF, Add	20.01	
	For >10 CLF, Deduct	-22.34	
	For 1 Part Mildew Resistant, Add	32.70	
	For High-Modulus Non-Acid Curing, Add	18.68	



Thermal And Moisture Protection			07
Joint Protection			07 90
Joint Sealants			07 92

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 19 00-0007 CLF 1/2" x 1/2" Joint, Acoustical Sealant..... For Custom Match Coloring, Add For Up To 1.4 CLF, Add For >7.5 CLF, Deduct For 1 Part Mildew Resistant, Add For High-Modulus Non-Acid Curing, Add	400.91 31.59 23.34 -26.63 46.07 26.33	90.07
07 95 Expansion Control (07 90)		
07 95 13 Expansion Joint Cover Assemblies (07 95) Note: Includes necessary waterproofing mastics/caulking.		
07 95 13 13 Interior Expansion Joint Cover Assemblies (07 95 13)		
07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies (07 95 13 13)		
07 95 13 13-0002 With 1" Space (07 95 13 13-0001)		
07 95 13 13-0003 LF 1" Opening Floor Assembly Type, Aluminum Expansion Joint Cover.....	55.85	5.71
07 95 13 13-0004 LF 1" Opening Floor Assembly Type, Bronze Expansion Joint Cover.....	66.54	5.71
07 95 13 13-0005 LF 1" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover.....	74.34	5.71
07 95 13 13-0006 With 2" Space (07 95 13 13-0001)		
07 95 13 13-0007 LF 2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover.....	71.25	5.71
07 95 13 13-0008 LF 2" Opening Floor Assembly Type, Bronze Expansion Joint Cover.....	80.37	5.71
07 95 13 13-0009 LF 2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover.....	99.00	5.71
07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies (07 95 13 13)		
07 95 13 13-0011 With 1" Space (07 95 13 13-0010)		
07 95 13 13-0012 LF Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type.....	40.44	5.71
07 95 13 13-0013 LF Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type.....	52.71	5.71
07 95 13 13-0014 LF Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type.....	62.02	5.71
07 95 13 13-0015 With 2" Space (07 95 13 13-0010)		
07 95 13 13-0016 LF Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	49.69	5.71
07 95 13 13-0017 LF Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	59.62	5.71
07 95 13 13-0018 LF Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	74.34	5.71
07 95 13 16 Exterior Expansion Joint Cover Assemblies (07 95 13)		
07 95 13 16-0001 Exterior Roof Aluminum Expansion Joint Cover Assemblies (07 95 13 16)		
07 95 13 16-0002 Roof To Roof (07 95 13 16-0001)		
07 95 13 16-0003 LF 1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	66.16	3.80
07 95 13 16-0004 LF 2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	79.12	3.80
07 95 13 16-0005 LF 3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	88.05	3.80
07 95 13 16-0006 Roof To Wall (07 95 13 16-0001)		
07 95 13 16-0007 LF Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies.....	50.39	3.80
07 95 13 16-0008 LF Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies.....	66.26	3.80
07 95 13 16-0009 Flat Wall To Wall (07 95 13 16-0001)		
07 95 13 16-0010 LF Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies.....	38.08	3.80
07 95 13 16-0011 LF Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies.....	47.60	3.80
07 95 13 16-0012 LF Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies.....	59.09	3.80
07 95 13 16-0013 Corner To Flat Wall (07 95 13 16-0001)		
07 95 13 16-0014 LF Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies.....	36.35	3.80
07 95 13 16-0015 LF Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies.....	42.70	3.80
07 95 13 16-0016 LF Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies.....	60.54	3.80

END OF SECTION 07

07	07	Thermal And Moisture Protection
	07 90	Joint Protection
	07 95	Expansion Control



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

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Openings		08
Operation and Maintenance of Openings		08 01
Operation and Maintenance of Entrances, Storefronts, and Curtain Walls		08 01 40

08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 Openings

08 01 Operation and Maintenance of Openings (08)

08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls (08 01)

08 01 44 Operation and Maintenance of Curtain Walls (08 01 40)

08 01 44 00-0001 Retrofit Curtain Walls (08 01 44)

08 01 44 00-0002	EA	Curtain Wall Retrofit Glass Lites, 5' x 7' nominal, 1" IG Viracon VWS7-08 HS/HS Superwindow	2,105.70	989.92
08 01 44 00-0003	LF	Curtain Wall Retrofit Exterior Mullion Caps	19.82	5.64
08 01 44 00-0004	LF	Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal	83.05	24.43
08 01 44 00-0005	LF	Curtain Wall Retrofit Exterior Parapet Covers	77.40	24.43
08 01 44 00-0006	LF	Curtain Wall Retrofit Remove/Reinstall Existing Mullion	23.50	
08 01 44 00-0007	EA	Curtain Wall Retrofit one time Extrusion Die Engineering/ Manufacture Fee	12,000.00	

08 01 50 Operation and Maintenance of Windows (08 01)

08 01 52 Operation and Maintenance of Wood Windows (08 01 50)

08 01 52 61 Wood Window Repairs (08 01 52)

08 01 52 61-0001 Window Restoration And Replacement (08 01 52 61)

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	10.16	
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	28.10	
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	31.76	
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	19.45	
08 01 52 61-0006	EA	Removal And Replacement Of Window Sash Lock	17.81	
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	21.96	
		Note: Channel, spiral or coil balance.		
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/Or Casing	68.40	
		Note: Channel, spiral or coil balance.		
		For Replacing Two Balances In One Window, Deduct	-25.64	

08 01 80 Maintenance of Glazing (08 01)

08 01 81 Maintenance of Glass Glazing (08 01 80)

08 01 81 00-0001 Glazing Compound Repair (08 01 81)

08 01 81 00-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing	5.01	
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08 05 Common Work Results for Openings (08)

08 05 13 Door Options and Modifications (08 05)

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) (08 05 13)

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	93.48	
		For 9/16" To 1-1/16" Glazing Pocket, Add	46.74	
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	118.33	
		For 9/16" To 1-1/16" Glazing Pocket, Add	59.17	
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	137.26	
		For 9/16" To 1-1/16" Glazing Pocket, Add	68.63	
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	175.13	
		For 9/16" To 1-1/16" Glazing Pocket, Add	87.57	
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	227.19	
		For 9/16" To 1-1/16" Glazing Pocket, Add	113.60	
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	289.91	
		For 9/16" To 1-1/16" Glazing Pocket, Add	144.96	
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	307.66	
		For 9/16" To 1-1/16" Glazing Pocket, Add	153.83	
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	177.89	
		For 9/16" To 1-1/16" Glazing Pocket, Add	42.49	
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	209.77	
		For 9/16" To 1-1/16" Glazing Pocket, Add	53.79	

08 Openings**08 05 Common Work Results for Openings****08 05 13 Door Options and Modifications**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0011	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	236.26	
			For 9/16" To 1-1/16" Glazing Pocket, Add.....	62.39	
08 05 13 00-0012	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	279.99	
			For 9/16" To 1-1/16" Glazing Pocket, Add.....	79.61	
08 05 13 00-0013	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	336.61	
			For 9/16" To 1-1/16" Glazing Pocket, Add.....	103.27	
08 05 13 00-0014	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	402.90	
			For 9/16" To 1-1/16" Glazing Pocket, Add.....	131.78	
08 05 13 00-0015	EA		For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	428.34	
			For 9/16" To 1-1/16" Glazing Pocket, Add.....	139.85	
08 05 13 00-0016			Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) (08 05 13)		
			Note: Factory primed or powder coated.		
08 05 13 00-0017	EA		For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	89.51	
08 05 13 00-0018	EA		For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	101.69	
08 05 13 00-0019	EA		For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	138.24	
08 05 13 00-0020	EA		For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	257.78	
08 05 13 00-0021	EA		For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	318.81	
08 05 13 00-0022	EA		For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	380.83	
08 05 13 00-0023	EA		For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	497.00	
08 05 13 00-0024	EA		For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	585.06	
			For 18 Gauge Louver And 18 Gauge Frame, Add.....	70.21	
08 05 13 00-0025	EA		For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	159.19	
08 05 13 00-0026	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	178.33	
08 05 13 00-0027	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	221.85	
08 05 13 00-0028	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	348.36	
08 05 13 00-0029	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	416.36	
08 05 13 00-0030	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	485.34	
08 05 13 00-0031	EA		For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	608.48	
08 05 13 00-0032	EA		For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	701.19	
			For 18 Gauge Louver And 18 Gauge Frame, Add.....	70.21	
08 05 13 00-0033			Fire Rated Fusible Link Louvers (Pemko LV-FL) (08 05 13)		
			Note: Factory primed or powder coated.		
08 05 13 00-0034	EA		For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	181.33	
08 05 13 00-0035	EA		For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	207.51	
08 05 13 00-0036	EA		For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	243.76	
08 05 13 00-0037	EA		For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	264.94	
08 05 13 00-0038	EA		For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	300.42	
08 05 13 00-0039	EA		For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	344.10	
08 05 13 00-0040			Door Hardware Preparation (08 05 13)		
08 05 13 00-0041	EA		Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware.....	69.64	
08 05 13 00-0042	EA		Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware.....	171.78	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0043	EA		Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware.....	78.92	
08 05 13 00-0044	EA		Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware.....	139.29	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0045	EA		Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware.....	23.21	
08 05 13 00-0046	EA		Prepare Existing Wood Door (Rated) For Concealed Vertical Rod.....	255.39	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0047	EA		Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod.....	162.49	
08 05 13 00-0048	EA		Prepare Existing Wood Door (Rated) For Electric Hardware.....	171.78	
			Note: Requires door to be taken off site for UL certification.		



Openings			08
Common Work Results for Openings			08 05
Door Options and Modifications			08 05 13

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware.....	78.92	
08 05 13 00-0050 Door Modifications (08 05 13)				
08 05 13 00-0051	EA	Removal And Reinstallation Of Door	78.97	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	154.84	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile..... Note: Excludes removal and reinstallation of door.	83.61	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing..... Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	989.67	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door.....	124.12	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door	23.89	
		Note: Includes mounting hardware.		
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame.....	93.66	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile	42.15	
		Note: Excludes removal and reinstallation of door.		
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width.....	60.88	
08 10 Doors and Frames (08)				
08 11 Metal Doors and Frames (08 10)				
08 11 63 Metal Screen and Storm Doors and Frames (08 11)				
08 11 63 13 Steel Screen and Storm Doors and Frames (08 11 63)				
08 11 63 13-0001 Steel Screen Door (08 11 63 13)				
		Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002	EA	2'-8" x 7", Residential, Steel Screen Door With Frame, Trim, Hardware	850.39	127.75
08 11 63 13-0003	EA	3' x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware	859.71	132.39
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	855.83	132.39
08 11 63 23 Aluminum Screen and Storm Doors and Frames (08 11 63)				
08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23)				
		Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware..... For Special Finished, Add	688.67 60.34	74.33
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	722.59	74.33
08 11 63 23-0004	EA	Aluminum Screen Door	223.84	46.43
08 11 63 23-0005	SF	Repair Screen Door	8.09	
08 11 73 Sliding Metal Fire Doors (08 11)				
08 11 73 00-0001 Motor Operated Fire Door (08 11 73)				
		Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.		
08 11 73 00-0002	EA	3' x 6'-8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,105.87	475.85
08 11 73 00-0003	EA	3' 8" x 6'-8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	4,407.50	475.85
08 11 73 00-0004	EA	4' x 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	4,915.11	475.85
08 11 73 00-0005	EA	5' x 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	5,464.11	475.85
08 12 Metal Frames (08 10)				
		Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.		
08 12 13 Hollow Metal Frames (08 12)				
08 12 13 13 Standard Hollow Metal Frames (08 12 13)				
		Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.		
08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)				
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)				
08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	303.82	69.68
		For Auxiliary Frame Reinforcement For Hinges, Add	24.67	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	19.74	
		For Type 304 Stainless Steel Frame, Add	303.01	
		For Type 316 Stainless Steel Frame, Add	352.35	
		For Baked Enamel Finish, Add	70.24	
		For 18 Gauge Frame, Deduct	-16.45	
		For 14 Gauge Frame, Add	41.12	
		For 12 Gauge Frame, Add	62.50	
		For Clear Aluminum Frames (Three Piece), Add	48.52	
		For Black Aluminum Frames (Three Piece), Add	74.01	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	349.09	76.64
		For Auxiliary Frame Reinforcement For Hinges, Add		29.37	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		23.50	
		For Type 304 Stainless Steel Frame, Add		360.10	
		For Type 316 Stainless Steel Frame, Add		418.84	
		For Baked Enamel Finish, Add		81.73	
		For 18 Gauge Frame, Deduct		-19.58	
		For 14 Gauge Frame, Add		48.95	
		For 12 Gauge Frame, Add		74.40	
		For Clear Aluminum Frames (Three Piece), Add		57.76	
		For Black Aluminum Frames (Three Piece), Add		88.11	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	361.52	81.29
		For Auxiliary Frame Reinforcement For Hinges, Add		29.84	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		23.87	
		For Type 304 Stainless Steel Frame, Add		366.20	
		For Type 316 Stainless Steel Frame, Add		425.88	
		For Baked Enamel Finish, Add		84.07	
		For 18 Gauge Frame, Deduct		-19.89	
		For 14 Gauge Frame, Add		49.73	
		For 12 Gauge Frame, Add		75.59	
		For Clear Aluminum Frames (Three Piece), Add		58.68	
		For Black Aluminum Frames (Three Piece), Add		89.52	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	375.45	88.26
		For Auxiliary Frame Reinforcement For Hinges, Add		29.84	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		23.87	
		For Type 304 Stainless Steel Frame, Add		366.90	
		For Type 316 Stainless Steel Frame, Add		426.58	
		For Baked Enamel Finish, Add		86.16	
		For 18 Gauge Frame, Deduct		-19.89	
		For 14 Gauge Frame, Add		49.73	
		For 12 Gauge Frame, Add		75.59	
		For Clear Aluminum Frames (Three Piece), Add		58.68	
		For Black Aluminum Frames (Three Piece), Add		89.52	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	383.22	90.58
		For Auxiliary Frame Reinforcement For Hinges, Add		30.31	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		24.25	
		For Type 304 Stainless Steel Frame, Add		372.77	
		For Type 316 Stainless Steel Frame, Add		433.38	
		For Baked Enamel Finish, Add		87.79	
		For 18 Gauge Frame, Deduct		-20.21	
		For 14 Gauge Frame, Add		50.52	
		For 12 Gauge Frame, Add		76.78	
		For Clear Aluminum Frames (Three Piece), Add		59.61	
		For Black Aluminum Frames (Three Piece), Add		90.93	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	391.01	92.91
		For Auxiliary Frame Reinforcement For Hinges, Add		30.78	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		24.62	
		For Type 304 Stainless Steel Frame, Add		378.65	
		For Type 316 Stainless Steel Frame, Add		440.21	
		For Baked Enamel Finish, Add		89.43	
		For 18 Gauge Frame, Deduct		-20.52	
		For 14 Gauge Frame, Add		51.30	
		For 12 Gauge Frame, Add		77.98	
		For Clear Aluminum Frames (Three Piece), Add		60.53	
		For Black Aluminum Frames (Three Piece), Add		92.34	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	414.38	97.55
		For Auxiliary Frame Reinforcement For Hinges, Add		32.89	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		26.31	
		For Type 304 Stainless Steel Frame, Add		404.48	
		For Type 316 Stainless Steel Frame, Add		470.26	
		For Baked Enamel Finish, Add		95.05	
		For 18 Gauge Frame, Deduct		-21.93	
		For 14 Gauge Frame, Add		54.82	
		For 12 Gauge Frame, Add		83.33	
		For Clear Aluminum Frames (Three Piece), Add		64.69	
		For Black Aluminum Frames (Three Piece), Add		98.68	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	423.68	102.20
		For Auxiliary Frame Reinforcement For Hinges, Add		32.89	
		For Welded Frames, Add		95.88	
		For Galvanized Frames, Add		26.31	
		For Type 304 Stainless Steel Frame, Add		404.94	
		For Type 316 Stainless Steel Frame, Add		470.73	
		For Baked Enamel Finish, Add		96.45	
		For 18 Gauge Frame, Deduct		-21.93	
		For 14 Gauge Frame, Add		54.82	
		For 12 Gauge Frame, Add		83.33	
		For Clear Aluminum Frames (Three Piece), Add		64.69	
		For Black Aluminum Frames (Three Piece), Add		98.68	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0011	EA		4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	440.80	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	34.07	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	27.25	
			For Type 304 Stainless Steel Frame, Add	419.50	
			For Type 316 Stainless Steel Frame, Add	487.64	
			For Baked Enamel Finish, Add	100.19	
			For 18 Gauge Frame, Deduct	-22.71	
			For 14 Gauge Frame, Add	56.78	
			For 12 Gauge Frame, Add	86.31	
			For Clear Aluminum Frames (Three Piece), Add	67.00	
			For Black Aluminum Frames (Three Piece), Add	102.20	
08 12 13 13-0012	EA		5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	457.93	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	35.24	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	28.20	
			For Type 304 Stainless Steel Frame, Add	434.08	
			For Type 316 Stainless Steel Frame, Add	504.56	
			For Baked Enamel Finish, Add	103.93	
			For 18 Gauge Frame, Deduct	-23.50	
			For 14 Gauge Frame, Add	58.74	
			For 12 Gauge Frame, Add	89.28	
			For Clear Aluminum Frames (Three Piece), Add	69.31	
			For Black Aluminum Frames (Three Piece), Add	105.73	
08 12 13 13-0013	EA		5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	467.22	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	35.24	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	28.20	
			For Type 304 Stainless Steel Frame, Add	434.54	
			For Type 316 Stainless Steel Frame, Add	505.03	
			For Baked Enamel Finish, Add	105.33	
			For 18 Gauge Frame, Deduct	-23.50	
			For 14 Gauge Frame, Add	58.74	
			For 12 Gauge Frame, Add	89.28	
			For Clear Aluminum Frames (Three Piece), Add	69.31	
			For Black Aluminum Frames (Three Piece), Add	105.73	
08 12 13 13-0014	EA		5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.78	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	35.83	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	28.66	
			For Type 304 Stainless Steel Frame, Add	441.81	
			For Type 316 Stainless Steel Frame, Add	513.47	
			For Baked Enamel Finish, Add	107.20	
			For 18 Gauge Frame, Deduct	-23.89	
			For 14 Gauge Frame, Add	59.72	
			For 12 Gauge Frame, Add	90.77	
			For Clear Aluminum Frames (Three Piece), Add	70.47	
			For Black Aluminum Frames (Three Piece), Add	107.49	
08 12 13 13-0015	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.34	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	36.42	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.13	
			For Type 304 Stainless Steel Frame, Add	449.10	
			For Type 316 Stainless Steel Frame, Add	521.94	
			For Baked Enamel Finish, Add	109.07	
			For 18 Gauge Frame, Deduct	-24.28	
			For 14 Gauge Frame, Add	60.70	
			For 12 Gauge Frame, Add	92.26	
			For Clear Aluminum Frames (Three Piece), Add	71.62	
			For Black Aluminum Frames (Three Piece), Add	109.26	
08 12 13 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	504.65	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	38.77	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.01	
			For Type 304 Stainless Steel Frame, Add	477.52	
			For Type 316 Stainless Steel Frame, Add	555.06	
			For Baked Enamel Finish, Add	114.47	
			For 18 Gauge Frame, Deduct	-25.85	
			For 14 Gauge Frame, Add	64.61	
			For 12 Gauge Frame, Add	98.21	
			For Clear Aluminum Frames (Three Piece), Add	76.24	
			For Black Aluminum Frames (Three Piece), Add	116.30	
08 12 13 13-0017	EA		8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.97	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	41.12	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	32.89	
			For Type 304 Stainless Steel Frame, Add	505.96	
			For Type 316 Stainless Steel Frame, Add	588.19	
			For Baked Enamel Finish, Add	119.86	
			For 18 Gauge Frame, Deduct	-27.41	
			For 14 Gauge Frame, Add	68.53	
			For 12 Gauge Frame, Add	104.17	
			For Clear Aluminum Frames (Three Piece), Add	80.87	
			For Black Aluminum Frames (Three Piece), Add	123.35	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 12 13 13-0018		>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)			
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	322.09		69.68
		For Auxiliary Frame Reinforcement For Hinges, Add	27.41		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	21.93		
		For Type 304 Stainless Steel Frame, Add	335.90		
		For Type 316 Stainless Steel Frame, Add	390.72		
		For Baked Enamel Finish, Add	75.72		
		For 18 Gauge Frame, Deduct	-18.27		
		For 14 Gauge Frame, Add	45.69		
		For 12 Gauge Frame, Add	69.44		
		For Clear Aluminum Frames (Three Piece), Add	53.91		
		For Black Aluminum Frames (Three Piece), Add	82.23		
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	370.84		76.64
		For Auxiliary Frame Reinforcement For Hinges, Add	32.63		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	26.11		
		For Type 304 Stainless Steel Frame, Add	399.25		
		For Type 316 Stainless Steel Frame, Add	464.52		
		For Baked Enamel Finish, Add	88.26		
		For 18 Gauge Frame, Deduct	-21.76		
		For 14 Gauge Frame, Add	54.39		
		For 12 Gauge Frame, Add	82.67		
		For Clear Aluminum Frames (Three Piece), Add	64.18		
		For Black Aluminum Frames (Three Piece), Add	97.90		
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	383.62		81.29
		For Auxiliary Frame Reinforcement For Hinges, Add	33.15		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	26.52		
		For Type 304 Stainless Steel Frame, Add	405.98		
		For Type 316 Stainless Steel Frame, Add	472.29		
		For Baked Enamel Finish, Add	90.70		
		For 18 Gauge Frame, Deduct	-22.10		
		For 14 Gauge Frame, Add	55.26		
		For 12 Gauge Frame, Add	83.99		
		For Clear Aluminum Frames (Three Piece), Add	65.20		
		For Black Aluminum Frames (Three Piece), Add	99.46		
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	397.55		88.26
		For Auxiliary Frame Reinforcement For Hinges, Add	33.15		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	26.52		
		For Type 304 Stainless Steel Frame, Add	406.68		
		For Type 316 Stainless Steel Frame, Add	472.99		
		For Baked Enamel Finish, Add	92.79		
		For 18 Gauge Frame, Deduct	-22.10		
		For 14 Gauge Frame, Add	55.26		
		For 12 Gauge Frame, Add	83.99		
		For Clear Aluminum Frames (Three Piece), Add	65.20		
		For Black Aluminum Frames (Three Piece), Add	99.46		
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	405.67		90.58
		For Auxiliary Frame Reinforcement For Hinges, Add	33.68		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	26.94		
		For Type 304 Stainless Steel Frame, Add	413.18		
		For Type 316 Stainless Steel Frame, Add	480.53		
		For Baked Enamel Finish, Add	94.53		
		For 18 Gauge Frame, Deduct	-22.45		
		For 14 Gauge Frame, Add	56.13		
		For 12 Gauge Frame, Add	85.31		
		For Clear Aluminum Frames (Three Piece), Add	66.23		
		For Black Aluminum Frames (Three Piece), Add	101.03		
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	413.81		92.91
		For Auxiliary Frame Reinforcement For Hinges, Add	34.20		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	27.36		
		For Type 304 Stainless Steel Frame, Add	419.69		
		For Type 316 Stainless Steel Frame, Add	488.09		
		For Baked Enamel Finish, Add	96.27		
		For 18 Gauge Frame, Deduct	-22.80		
		For 14 Gauge Frame, Add	57.00		
		For 12 Gauge Frame, Add	86.64		
		For Clear Aluminum Frames (Three Piece), Add	67.26		
		For Black Aluminum Frames (Three Piece), Add	102.60		
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	438.75		97.55
		For Auxiliary Frame Reinforcement For Hinges, Add	36.55		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	29.24		
		For Type 304 Stainless Steel Frame, Add	448.34		
		For Type 316 Stainless Steel Frame, Add	521.44		
		For Baked Enamel Finish, Add	102.36		
		For 18 Gauge Frame, Deduct	-24.37		
		For 14 Gauge Frame, Add	60.92		
		For 12 Gauge Frame, Add	92.59		
		For Clear Aluminum Frames (Three Piece), Add	71.88		
		For Black Aluminum Frames (Three Piece), Add	109.65		



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0026	EA		3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	448.05	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	36.55	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.24	
			For Type 304 Stainless Steel Frame, Add	448.81	
			For Type 316 Stainless Steel Frame, Add	521.91	
			For Baked Enamel Finish, Add	103.76	
			For 18 Gauge Frame, Deduct	-24.37	
			For 14 Gauge Frame, Add	60.92	
			For 12 Gauge Frame, Add	92.59	
			For Clear Aluminum Frames (Three Piece), Add	71.88	
			For Black Aluminum Frames (Three Piece), Add	109.65	
08 12 13 13-0027	EA		4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	466.04	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	37.85	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	30.28	
			For Type 304 Stainless Steel Frame, Add	464.93	
			For Type 316 Stainless Steel Frame, Add	540.64	
			For Baked Enamel Finish, Add	107.76	
			For 18 Gauge Frame, Deduct	-25.24	
			For 14 Gauge Frame, Add	63.09	
			For 12 Gauge Frame, Add	95.90	
			For Clear Aluminum Frames (Three Piece), Add	74.45	
			For Black Aluminum Frames (Three Piece), Add	113.56	
08 12 13 13-0028	EA		5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.03	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	39.16	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.33	
			For Type 304 Stainless Steel Frame, Add	481.06	
			For Type 316 Stainless Steel Frame, Add	559.37	
			For Baked Enamel Finish, Add	111.76	
			For 18 Gauge Frame, Deduct	-26.11	
			For 14 Gauge Frame, Add	65.27	
			For 12 Gauge Frame, Add	99.20	
			For Clear Aluminum Frames (Three Piece), Add	77.01	
			For Black Aluminum Frames (Three Piece), Add	117.48	
08 12 13 13-0029	EA		5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	493.32	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	39.16	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.33	
			For Type 304 Stainless Steel Frame, Add	481.52	
			For Type 316 Stainless Steel Frame, Add	559.84	
			For Baked Enamel Finish, Add	113.16	
			For 18 Gauge Frame, Deduct	-26.11	
			For 14 Gauge Frame, Add	65.27	
			For 12 Gauge Frame, Add	99.20	
			For Clear Aluminum Frames (Three Piece), Add	77.01	
			For Black Aluminum Frames (Three Piece), Add	117.48	
08 12 13 13-0030	EA		5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.32	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	39.81	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.85	
			For Type 304 Stainless Steel Frame, Add	489.58	
			For Type 316 Stainless Steel Frame, Add	569.21	
			For Baked Enamel Finish, Add	115.16	
			For 18 Gauge Frame, Deduct	-26.54	
			For 14 Gauge Frame, Add	66.35	
			For 12 Gauge Frame, Add	100.86	
			For Clear Aluminum Frames (Three Piece), Add	78.30	
			For Black Aluminum Frames (Three Piece), Add	119.43	
08 12 13 13-0031	EA		6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	511.32	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	40.47	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	32.37	
			For Type 304 Stainless Steel Frame, Add	497.66	
			For Type 316 Stainless Steel Frame, Add	578.59	
			For Baked Enamel Finish, Add	117.16	
			For 18 Gauge Frame, Deduct	-26.98	
			For 14 Gauge Frame, Add	67.44	
			For 12 Gauge Frame, Add	102.51	
			For Clear Aluminum Frames (Three Piece), Add	79.58	
			For Black Aluminum Frames (Three Piece), Add	121.40	
08 12 13 13-0032	EA		7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	533.37	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	43.08	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	34.46	
			For Type 304 Stainless Steel Frame, Add	529.22	
			For Type 316 Stainless Steel Frame, Add	615.37	
			For Baked Enamel Finish, Add	123.08	
			For 18 Gauge Frame, Deduct	-28.72	
			For 14 Gauge Frame, Add	71.79	
			For 12 Gauge Frame, Add	109.12	
			For Clear Aluminum Frames (Three Piece), Add	84.72	
			For Black Aluminum Frames (Three Piece), Add	129.23	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0033	EA		8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	555.42	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	45.69	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	36.55	
			For Type 304 Stainless Steel Frame, Add	560.77	
			For Type 316 Stainless Steel Frame, Add	652.14	
			For Baked Enamel Finish, Add	129.00	
			For 18 Gauge Frame, Deduct	-30.46	
			For 14 Gauge Frame, Add	76.14	
			For 12 Gauge Frame, Add	115.74	
			For Clear Aluminum Frames (Three Piece), Add	89.85	
			For Black Aluminum Frames (Three Piece), Add	137.06	
08 12 13 13-0034			5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0035			6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)		
08 12 13 13-0036	EA		2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	322.09	69.68
			For Auxiliary Frame Reinforcement For Hinges, Add	27.41	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	21.93	
			For Type 304 Stainless Steel Frame, Add	335.90	
			For Type 316 Stainless Steel Frame, Add	390.72	
			For Baked Enamel Finish, Add	75.72	
			For 18 Gauge Frame, Deduct	-18.27	
			For 14 Gauge Frame, Add	45.69	
			For 12 Gauge Frame, Add	69.44	
			For Clear Aluminum Frames (Three Piece), Add	53.91	
			For Black Aluminum Frames (Three Piece), Add	82.23	
08 12 13 13-0037	EA		2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	370.84	76.64
			For Auxiliary Frame Reinforcement For Hinges, Add	32.63	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	26.11	
			For Type 304 Stainless Steel Frame, Add	399.25	
			For Type 316 Stainless Steel Frame, Add	464.52	
			For Baked Enamel Finish, Add	88.26	
			For 18 Gauge Frame, Deduct	-21.76	
			For 14 Gauge Frame, Add	54.39	
			For 12 Gauge Frame, Add	82.67	
			For Clear Aluminum Frames (Three Piece), Add	64.18	
			For Black Aluminum Frames (Three Piece), Add	97.90	
08 12 13 13-0038	EA		2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	383.62	81.29
			For Auxiliary Frame Reinforcement For Hinges, Add	33.15	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	26.52	
			For Type 304 Stainless Steel Frame, Add	405.98	
			For Type 316 Stainless Steel Frame, Add	472.29	
			For Baked Enamel Finish, Add	90.70	
			For 18 Gauge Frame, Deduct	-22.10	
			For 14 Gauge Frame, Add	55.26	
			For 12 Gauge Frame, Add	83.99	
			For Clear Aluminum Frames (Three Piece), Add	65.20	
			For Black Aluminum Frames (Three Piece), Add	99.46	
08 12 13 13-0039	EA		2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	397.55	88.26
			For Auxiliary Frame Reinforcement For Hinges, Add	33.15	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	26.52	
			For Type 304 Stainless Steel Frame, Add	406.68	
			For Type 316 Stainless Steel Frame, Add	472.99	
			For Baked Enamel Finish, Add	92.79	
			For 18 Gauge Frame, Deduct	-22.10	
			For 14 Gauge Frame, Add	55.26	
			For 12 Gauge Frame, Add	83.99	
			For Clear Aluminum Frames (Three Piece), Add	65.20	
			For Black Aluminum Frames (Three Piece), Add	99.46	
08 12 13 13-0040	EA		2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	405.67	90.58
			For Auxiliary Frame Reinforcement For Hinges, Add	33.68	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	26.94	
			For Type 304 Stainless Steel Frame, Add	413.18	
			For Type 316 Stainless Steel Frame, Add	480.53	
			For Baked Enamel Finish, Add	94.53	
			For 18 Gauge Frame, Deduct	-22.45	
			For 14 Gauge Frame, Add	56.13	
			For 12 Gauge Frame, Add	85.31	
			For Clear Aluminum Frames (Three Piece), Add	66.23	
			For Black Aluminum Frames (Three Piece), Add	101.03	



		Openings	08	08
		Doors and Frames	08 10	
		Metal Frames	08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0041	EA		3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	413.80	92.91
			For Auxiliary Frame Reinforcement For Hinges, Add	34.20	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	27.36	
			For Type 304 Stainless Steel Frame, Add	419.67	
			For Type 316 Stainless Steel Frame, Add	488.07	
			For Baked Enamel Finish, Add	96.27	
			For 18 Gauge Frame, Deduct	-22.80	
			For 14 Gauge Frame, Add	57.00	
			For 12 Gauge Frame, Add	86.64	
			For Clear Aluminum Frames (Three Piece), Add	67.26	
			For Black Aluminum Frames (Three Piece), Add	102.60	
08 12 13 13-0042	EA		3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	438.75	97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	36.55	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.24	
			For Type 304 Stainless Steel Frame, Add	448.34	
			For Type 316 Stainless Steel Frame, Add	521.44	
			For Baked Enamel Finish, Add	102.36	
			For 18 Gauge Frame, Deduct	-24.37	
			For 14 Gauge Frame, Add	60.92	
			For 12 Gauge Frame, Add	92.59	
			For Clear Aluminum Frames (Three Piece), Add	71.88	
			For Black Aluminum Frames (Three Piece), Add	109.65	
08 12 13 13-0043	EA		4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	448.05	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	36.55	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.24	
			For Type 304 Stainless Steel Frame, Add	448.81	
			For Type 316 Stainless Steel Frame, Add	521.91	
			For Baked Enamel Finish, Add	103.76	
			For 18 Gauge Frame, Deduct	-24.37	
			For 14 Gauge Frame, Add	60.92	
			For 12 Gauge Frame, Add	92.59	
			For Clear Aluminum Frames (Three Piece), Add	71.88	
			For Black Aluminum Frames (Three Piece), Add	109.65	
08 12 13 13-0044	EA		4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	466.04	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	37.85	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	30.28	
			For Type 304 Stainless Steel Frame, Add	464.93	
			For Type 316 Stainless Steel Frame, Add	540.64	
			For Baked Enamel Finish, Add	107.76	
			For 18 Gauge Frame, Deduct	-25.24	
			For 14 Gauge Frame, Add	63.09	
			For 12 Gauge Frame, Add	95.90	
			For Clear Aluminum Frames (Three Piece), Add	74.45	
			For Black Aluminum Frames (Three Piece), Add	113.56	
08 12 13 13-0045	EA		5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.03	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	39.16	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.33	
			For Type 304 Stainless Steel Frame, Add	481.06	
			For Type 316 Stainless Steel Frame, Add	559.37	
			For Baked Enamel Finish, Add	111.76	
			For 18 Gauge Frame, Deduct	-26.11	
			For 14 Gauge Frame, Add	65.27	
			For 12 Gauge Frame, Add	99.20	
			For Clear Aluminum Frames (Three Piece), Add	77.01	
			For Black Aluminum Frames (Three Piece), Add	117.48	
08 12 13 13-0046	EA		5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	493.32	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	39.16	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.33	
			For Type 304 Stainless Steel Frame, Add	481.52	
			For Type 316 Stainless Steel Frame, Add	559.84	
			For Baked Enamel Finish, Add	113.16	
			For 18 Gauge Frame, Deduct	-26.11	
			For 14 Gauge Frame, Add	65.27	
			For 12 Gauge Frame, Add	99.20	
			For Clear Aluminum Frames (Three Piece), Add	77.01	
			For Black Aluminum Frames (Three Piece), Add	117.48	
08 12 13 13-0047	EA		5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.32	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	39.81	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	31.85	
			For Type 304 Stainless Steel Frame, Add	489.58	
			For Type 316 Stainless Steel Frame, Add	569.21	
			For Baked Enamel Finish, Add	115.16	
			For 18 Gauge Frame, Deduct	-26.54	
			For 14 Gauge Frame, Add	66.35	
			For 12 Gauge Frame, Add	100.86	
			For Clear Aluminum Frames (Three Piece), Add	78.30	
			For Black Aluminum Frames (Three Piece), Add	119.43	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0048	EA		6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	511.31	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	40.46	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	32.37	
			For Type 304 Stainless Steel Frame, Add	497.65	
			For Type 316 Stainless Steel Frame, Add	578.57	
			For Baked Enamel Finish, Add	117.16	
			For 18 Gauge Frame, Deduct	-26.98	
			For 14 Gauge Frame, Add	67.44	
			For 12 Gauge Frame, Add	102.51	
			For Clear Aluminum Frames (Three Piece), Add	79.58	
			For Black Aluminum Frames (Three Piece), Add	121.39	
08 12 13 13-0049	EA		7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	533.37	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	43.08	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	34.46	
			For Type 304 Stainless Steel Frame, Add	529.22	
			For Type 316 Stainless Steel Frame, Add	615.37	
			For Baked Enamel Finish, Add	123.08	
			For 18 Gauge Frame, Deduct	-28.72	
			For 14 Gauge Frame, Add	71.79	
			For 12 Gauge Frame, Add	109.12	
			For Clear Aluminum Frames (Three Piece), Add	84.72	
			For Black Aluminum Frames (Three Piece), Add	129.23	
08 12 13 13-0050	EA		8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	555.42	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	45.69	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	36.55	
			For Type 304 Stainless Steel Frame, Add	560.77	
			For Type 316 Stainless Steel Frame, Add	652.14	
			For Baked Enamel Finish, Add	129.00	
			For 18 Gauge Frame, Deduct	-30.46	
			For 14 Gauge Frame, Add	76.14	
			For 12 Gauge Frame, Add	115.74	
			For Clear Aluminum Frames (Three Piece), Add	89.85	
			For Black Aluminum Frames (Three Piece), Add	137.06	
08 12 13 13-0051			>7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)		
08 12 13 13-0052	EA		2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	342.40	69.68
			For Auxiliary Frame Reinforcement For Hinges, Add	30.46	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	24.37	
			For Type 304 Stainless Steel Frame, Add	372.46	
			For Type 316 Stainless Steel Frame, Add	433.37	
			For Baked Enamel Finish, Add	81.82	
			For 18 Gauge Frame, Deduct	-20.31	
			For 14 Gauge Frame, Add	50.76	
			For 12 Gauge Frame, Add	77.16	
			For Clear Aluminum Frames (Three Piece), Add	59.90	
			For Black Aluminum Frames (Three Piece), Add	91.37	
08 12 13 13-0053	EA		2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	395.01	76.64
			For Auxiliary Frame Reinforcement For Hinges, Add	36.26	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.01	
			For Type 304 Stainless Steel Frame, Add	442.76	
			For Type 316 Stainless Steel Frame, Add	515.28	
			For Baked Enamel Finish, Add	95.51	
			For 18 Gauge Frame, Deduct	-24.17	
			For 14 Gauge Frame, Add	60.43	
			For 12 Gauge Frame, Add	91.85	
			For Clear Aluminum Frames (Three Piece), Add	71.31	
			For Black Aluminum Frames (Three Piece), Add	108.77	
08 12 13 13-0054	EA		2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	408.18	81.29
			For Auxiliary Frame Reinforcement For Hinges, Add	36.84	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.47	
			For Type 304 Stainless Steel Frame, Add	450.19	
			For Type 316 Stainless Steel Frame, Add	523.87	
			For Baked Enamel Finish, Add	98.07	
			For 18 Gauge Frame, Deduct	-24.56	
			For 14 Gauge Frame, Add	61.40	
			For 12 Gauge Frame, Add	93.32	
			For Clear Aluminum Frames (Three Piece), Add	72.45	
			For Black Aluminum Frames (Three Piece), Add	110.52	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0055	EA		2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	422.11	88.26
			For Auxiliary Frame Reinforcement For Hinges, Add	36.84	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.47	
			For Type 304 Stainless Steel Frame, Add	450.89	
			For Type 316 Stainless Steel Frame, Add	524.57	
			For Baked Enamel Finish, Add	100.16	
			For 18 Gauge Frame, Deduct	-24.56	
			For 14 Gauge Frame, Add	61.40	
			For 12 Gauge Frame, Add	93.32	
			For Clear Aluminum Frames (Three Piece), Add	72.45	
			For Black Aluminum Frames (Three Piece), Add	110.52	
08 12 13 13-0056	EA		2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	430.62	90.58
			For Auxiliary Frame Reinforcement For Hinges, Add	37.42	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	29.94	
			For Type 304 Stainless Steel Frame, Add	458.09	
			For Type 316 Stainless Steel Frame, Add	532.92	
			For Baked Enamel Finish, Add	102.01	
			For 18 Gauge Frame, Deduct	-24.95	
			For 14 Gauge Frame, Add	62.37	
			For 12 Gauge Frame, Add	94.79	
			For Clear Aluminum Frames (Three Piece), Add	73.59	
			For Black Aluminum Frames (Three Piece), Add	112.26	
08 12 13 13-0057	EA		3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	439.14	92.91
			For Auxiliary Frame Reinforcement For Hinges, Add	38.00	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	30.40	
			For Type 304 Stainless Steel Frame, Add	465.28	
			For Type 316 Stainless Steel Frame, Add	541.28	
			For Baked Enamel Finish, Add	103.87	
			For 18 Gauge Frame, Deduct	-25.33	
			For 14 Gauge Frame, Add	63.33	
			For 12 Gauge Frame, Add	96.27	
			For Clear Aluminum Frames (Three Piece), Add	74.73	
			For Black Aluminum Frames (Three Piece), Add	114.00	
08 12 13 13-0058	EA		3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	465.82	97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	40.61	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	32.49	
			For Type 304 Stainless Steel Frame, Add	497.07	
			For Type 316 Stainless Steel Frame, Add	578.29	
			For Baked Enamel Finish, Add	110.48	
			For 18 Gauge Frame, Deduct	-27.07	
			For 14 Gauge Frame, Add	67.68	
			For 12 Gauge Frame, Add	102.88	
			For Clear Aluminum Frames (Three Piece), Add	79.87	
			For Black Aluminum Frames (Three Piece), Add	121.83	
08 12 13 13-0059	EA		3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.12	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	40.61	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	32.49	
			For Type 304 Stainless Steel Frame, Add	497.53	
			For Type 316 Stainless Steel Frame, Add	578.75	
			For Baked Enamel Finish, Add	111.88	
			For 18 Gauge Frame, Deduct	-27.07	
			For 14 Gauge Frame, Add	67.68	
			For 12 Gauge Frame, Add	102.88	
			For Clear Aluminum Frames (Three Piece), Add	79.87	
			For Black Aluminum Frames (Three Piece), Add	121.83	
08 12 13 13-0060	EA		4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	494.08	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	42.06	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	33.65	
			For Type 304 Stainless Steel Frame, Add	515.40	
			For Type 316 Stainless Steel Frame, Add	599.52	
			For Baked Enamel Finish, Add	116.17	
			For 18 Gauge Frame, Deduct	-28.04	
			For 14 Gauge Frame, Add	70.10	
			For 12 Gauge Frame, Add	106.55	
			For Clear Aluminum Frames (Three Piece), Add	82.72	
			For Black Aluminum Frames (Three Piece), Add	126.18	
08 12 13 13-0061	EA		5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	513.04	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	43.51	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	34.81	
			For Type 304 Stainless Steel Frame, Add	533.27	
			For Type 316 Stainless Steel Frame, Add	620.30	
			For Baked Enamel Finish, Add	120.47	
			For 18 Gauge Frame, Deduct	-29.01	
			For 14 Gauge Frame, Add	72.52	
			For 12 Gauge Frame, Add	110.23	
			For Clear Aluminum Frames (Three Piece), Add	85.57	
			For Black Aluminum Frames (Three Piece), Add	130.53	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0062	EA		5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	522.33	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	43.51	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	34.81	
			For Type 304 Stainless Steel Frame, Add	533.74	
			For Type 316 Stainless Steel Frame, Add	620.76	
			For Baked Enamel Finish, Add	121.86	
			For 18 Gauge Frame, Deduct	-29.01	
			For 14 Gauge Frame, Add	72.52	
			For 12 Gauge Frame, Add	110.23	
			For Clear Aluminum Frames (Three Piece), Add	85.57	
			For Black Aluminum Frames (Three Piece), Add	130.53	
08 12 13 13-0063	EA		5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	531.81	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	44.24	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	35.39	
			For Type 304 Stainless Steel Frame, Add	542.67	
			For Type 316 Stainless Steel Frame, Add	631.14	
			For Baked Enamel Finish, Add	124.01	
			For 18 Gauge Frame, Deduct	-29.49	
			For 14 Gauge Frame, Add	73.73	
			For 12 Gauge Frame, Add	112.06	
			For Clear Aluminum Frames (Three Piece), Add	87.00	
			For Black Aluminum Frames (Three Piece), Add	132.71	
08 12 13 13-0064	EA		6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	541.29	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	44.96	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	35.97	
			For Type 304 Stainless Steel Frame, Add	551.61	
			For Type 316 Stainless Steel Frame, Add	641.53	
			For Baked Enamel Finish, Add	126.15	
			For 18 Gauge Frame, Deduct	-29.97	
			For 14 Gauge Frame, Add	74.94	
			For 12 Gauge Frame, Add	113.90	
			For Clear Aluminum Frames (Three Piece), Add	88.42	
			For Black Aluminum Frames (Three Piece), Add	134.88	
08 12 13 13-0065	EA		7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	565.28	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	47.86	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	38.29	
			For Type 304 Stainless Steel Frame, Add	586.65	
			For Type 316 Stainless Steel Frame, Add	682.38	
			For Baked Enamel Finish, Add	132.65	
			For 18 Gauge Frame, Deduct	-31.91	
			For 14 Gauge Frame, Add	79.77	
			For 12 Gauge Frame, Add	121.25	
			For Clear Aluminum Frames (Three Piece), Add	94.13	
			For Black Aluminum Frames (Three Piece), Add	143.59	
08 12 13 13-0066	EA		8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	589.27	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	50.76	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	40.61	
			For Type 304 Stainless Steel Frame, Add	621.70	
			For Type 316 Stainless Steel Frame, Add	723.22	
			For Baked Enamel Finish, Add	139.15	
			For 18 Gauge Frame, Deduct	-33.84	
			For 14 Gauge Frame, Add	84.61	
			For 12 Gauge Frame, Add	128.60	
			For Clear Aluminum Frames (Three Piece), Add	99.83	
			For Black Aluminum Frames (Three Piece), Add	152.29	
08 12 13 13-0067			6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0068			6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067)		
08 12 13 13-0069	EA		2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	428.65	69.68
			For Auxiliary Frame Reinforcement For Hinges, Add	43.40	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	34.72	
			For Type 304 Stainless Steel Frame, Add	527.71	
			For Type 316 Stainless Steel Frame, Add	614.50	
			For Baked Enamel Finish, Add	107.69	
			For 18 Gauge Frame, Deduct	-28.93	
			For 14 Gauge Frame, Add	72.33	
			For 12 Gauge Frame, Add	109.93	
			For Clear Aluminum Frames (Three Piece), Add	85.34	
			For Black Aluminum Frames (Three Piece), Add	130.19	



		Openings	08	08
		Doors and Frames	08 10	
		Metal Frames	08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0070	EA		2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	497.70	76.64
			For Auxiliary Frame Reinforcement For Hinges, Add	51.66	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	41.33	
			For Type 304 Stainless Steel Frame, Add	627.60	
			For Type 316 Stainless Steel Frame, Add	730.93	
			For Baked Enamel Finish, Add	126.32	
			For 18 Gauge Frame, Deduct	-34.44	
			For 14 Gauge Frame, Add	86.10	
			For 12 Gauge Frame, Add	130.88	
			For Clear Aluminum Frames (Three Piece), Add	101.60	
			For Black Aluminum Frames (Three Piece), Add	154.98	
08 12 13 13-0071	EA		2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	512.51	81.29
			For Auxiliary Frame Reinforcement For Hinges, Add	52.49	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	41.99	
			For Type 304 Stainless Steel Frame, Add	637.99	
			For Type 316 Stainless Steel Frame, Add	742.96	
			For Baked Enamel Finish, Add	129.36	
			For 18 Gauge Frame, Deduct	-34.99	
			For 14 Gauge Frame, Add	87.48	
			For 12 Gauge Frame, Add	132.97	
			For Clear Aluminum Frames (Three Piece), Add	103.23	
			For Black Aluminum Frames (Three Piece), Add	157.46	
08 12 13 13-0072	EA		2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	526.44	88.26
			For Auxiliary Frame Reinforcement For Hinges, Add	52.49	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	41.99	
			For Type 304 Stainless Steel Frame, Add	638.68	
			For Type 316 Stainless Steel Frame, Add	743.66	
			For Baked Enamel Finish, Add	131.45	
			For 18 Gauge Frame, Deduct	-34.99	
			For 14 Gauge Frame, Add	87.48	
			For 12 Gauge Frame, Add	132.97	
			For Clear Aluminum Frames (Three Piece), Add	103.23	
			For Black Aluminum Frames (Three Piece), Add	157.46	
08 12 13 13-0073	EA		2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	536.59	90.58
			For Auxiliary Frame Reinforcement For Hinges, Add	53.31	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	42.65	
			For Type 304 Stainless Steel Frame, Add	648.83	
			For Type 316 Stainless Steel Frame, Add	755.46	
			For Baked Enamel Finish, Add	133.80	
			For 18 Gauge Frame, Deduct	-35.54	
			For 14 Gauge Frame, Add	88.86	
			For 12 Gauge Frame, Add	135.06	
			For Clear Aluminum Frames (Three Piece), Add	104.85	
			For Black Aluminum Frames (Three Piece), Add	159.94	
08 12 13 13-0074	EA		3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	546.75	92.91
			For Auxiliary Frame Reinforcement For Hinges, Add	54.14	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	43.31	
			For Type 304 Stainless Steel Frame, Add	658.98	
			For Type 316 Stainless Steel Frame, Add	767.26	
			For Baked Enamel Finish, Add	136.15	
			For 18 Gauge Frame, Deduct	-36.09	
			For 14 Gauge Frame, Add	90.24	
			For 12 Gauge Frame, Add	137.16	
			For Clear Aluminum Frames (Three Piece), Add	106.48	
			For Black Aluminum Frames (Three Piece), Add	162.42	
08 12 13 13-0075	EA		3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	580.83	97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	57.86	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	46.29	
			For Type 304 Stainless Steel Frame, Add	704.09	
			For Type 316 Stainless Steel Frame, Add	819.81	
			For Baked Enamel Finish, Add	144.99	
			For 18 Gauge Frame, Deduct	-38.57	
			For 14 Gauge Frame, Add	96.44	
			For 12 Gauge Frame, Add	146.58	
			For Clear Aluminum Frames (Three Piece), Add	113.79	
			For Black Aluminum Frames (Three Piece), Add	173.58	
08 12 13 13-0076	EA		3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	590.13	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	57.86	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	46.29	
			For Type 304 Stainless Steel Frame, Add	704.55	
			For Type 316 Stainless Steel Frame, Add	820.27	
			For Baked Enamel Finish, Add	146.38	
			For 18 Gauge Frame, Deduct	-38.57	
			For 14 Gauge Frame, Add	96.44	
			For 12 Gauge Frame, Add	146.58	
			For Clear Aluminum Frames (Three Piece), Add	113.79	
			For Black Aluminum Frames (Three Piece), Add	173.58	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0077	EA		4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	613.19	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	59.93	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	47.94	
			For Type 304 Stainless Steel Frame, Add	729.80	
			For Type 316 Stainless Steel Frame, Add	849.66	
			For Baked Enamel Finish, Add	151.91	
			For 18 Gauge Frame, Deduct	-39.95	
			For 14 Gauge Frame, Add	99.88	
			For 12 Gauge Frame, Add	151.81	
			For Clear Aluminum Frames (Three Piece), Add	117.86	
			For Black Aluminum Frames (Three Piece), Add	179.78	
08 12 13 13-0078	EA		5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	636.26	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	61.99	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	49.59	
			For Type 304 Stainless Steel Frame, Add	755.07	
			For Type 316 Stainless Steel Frame, Add	879.06	
			For Baked Enamel Finish, Add	157.43	
			For 18 Gauge Frame, Deduct	-41.33	
			For 14 Gauge Frame, Add	103.32	
			For 12 Gauge Frame, Add	157.05	
			For Clear Aluminum Frames (Three Piece), Add	121.92	
			For Black Aluminum Frames (Three Piece), Add	185.98	
08 12 13 13-0079	EA		5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	645.55	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	61.99	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	49.59	
			For Type 304 Stainless Steel Frame, Add	755.54	
			For Type 316 Stainless Steel Frame, Add	879.52	
			For Baked Enamel Finish, Add	158.83	
			For 18 Gauge Frame, Deduct	-41.33	
			For 14 Gauge Frame, Add	103.32	
			For 12 Gauge Frame, Add	157.05	
			For Clear Aluminum Frames (Three Piece), Add	121.92	
			For Black Aluminum Frames (Three Piece), Add	185.98	
08 12 13 13-0080	EA		6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	657.09	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	63.03	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	50.42	
			For Type 304 Stainless Steel Frame, Add	768.17	
			For Type 316 Stainless Steel Frame, Add	894.22	
			For Baked Enamel Finish, Add	161.59	
			For 18 Gauge Frame, Deduct	-42.02	
			For 14 Gauge Frame, Add	105.05	
			For 12 Gauge Frame, Add	159.67	
			For Clear Aluminum Frames (Three Piece), Add	123.95	
			For Black Aluminum Frames (Three Piece), Add	189.08	
08 12 13 13-0081	EA		6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	668.62	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	64.06	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	51.25	
			For Type 304 Stainless Steel Frame, Add	780.80	
			For Type 316 Stainless Steel Frame, Add	908.92	
			For Baked Enamel Finish, Add	164.35	
			For 18 Gauge Frame, Deduct	-42.71	
			For 14 Gauge Frame, Add	106.77	
			For 12 Gauge Frame, Add	162.29	
			For Clear Aluminum Frames (Three Piece), Add	125.99	
			For Black Aluminum Frames (Three Piece), Add	192.18	
08 12 13 13-0082	EA		7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	700.82	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	68.19	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	54.55	
			For Type 304 Stainless Steel Frame, Add	830.63	
			For Type 316 Stainless Steel Frame, Add	967.01	
			For Baked Enamel Finish, Add	173.32	
			For 18 Gauge Frame, Deduct	-45.46	
			For 14 Gauge Frame, Add	113.66	
			For 12 Gauge Frame, Add	172.76	
			For Clear Aluminum Frames (Three Piece), Add	134.11	
			For Black Aluminum Frames (Three Piece), Add	204.58	
08 12 13 13-0083	EA		8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	733.02	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	72.33	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	57.86	
			For Type 304 Stainless Steel Frame, Add	880.45	
			For Type 316 Stainless Steel Frame, Add	1,025.10	
			For Baked Enamel Finish, Add	182.28	
			For 18 Gauge Frame, Deduct	-48.22	
			For 14 Gauge Frame, Add	120.54	
			For 12 Gauge Frame, Add	183.22	
			For Clear Aluminum Frames (Three Piece), Add	142.24	
			For Black Aluminum Frames (Three Piece), Add	216.98	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0084			>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067)		
08 12 13 13-0085	EA		2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	460.80	69.68
			For Auxiliary Frame Reinforcement For Hinges, Add	48.22	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	38.57	
			For Type 304 Stainless Steel Frame, Add	585.58	
			For Type 316 Stainless Steel Frame, Add	682.01	
			For Baked Enamel Finish, Add	117.34	
			For 18 Gauge Frame, Deduct	-32.15	
			For 14 Gauge Frame, Add	80.36	
			For 12 Gauge Frame, Add	122.15	
			For Clear Aluminum Frames (Three Piece), Add	94.83	
			For Black Aluminum Frames (Three Piece), Add	144.65	
08 12 13 13-0086	EA		2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	535.97	76.64
			For Auxiliary Frame Reinforcement For Hinges, Add	57.40	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	45.92	
			For Type 304 Stainless Steel Frame, Add	696.49	
			For Type 316 Stainless Steel Frame, Add	811.29	
			For Baked Enamel Finish, Add	137.80	
			For 18 Gauge Frame, Deduct	-38.27	
			For 14 Gauge Frame, Add	95.67	
			For 12 Gauge Frame, Add	145.42	
			For Clear Aluminum Frames (Three Piece), Add	112.89	
			For Black Aluminum Frames (Three Piece), Add	172.21	
08 12 13 13-0087	EA		2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	551.39	81.29
			For Auxiliary Frame Reinforcement For Hinges, Add	58.32	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	46.66	
			For Type 304 Stainless Steel Frame, Add	707.97	
			For Type 316 Stainless Steel Frame, Add	824.61	
			For Baked Enamel Finish, Add	141.03	
			For 18 Gauge Frame, Deduct	-38.88	
			For 14 Gauge Frame, Add	97.20	
			For 12 Gauge Frame, Add	147.74	
			For Clear Aluminum Frames (Three Piece), Add	114.70	
			For Black Aluminum Frames (Three Piece), Add	174.96	
08 12 13 13-0088	EA		2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	565.32	88.26
			For Auxiliary Frame Reinforcement For Hinges, Add	58.32	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	46.66	
			For Type 304 Stainless Steel Frame, Add	708.67	
			For Type 316 Stainless Steel Frame, Add	825.31	
			For Baked Enamel Finish, Add	143.12	
			For 18 Gauge Frame, Deduct	-38.88	
			For 14 Gauge Frame, Add	97.20	
			For 12 Gauge Frame, Add	147.74	
			For Clear Aluminum Frames (Three Piece), Add	114.70	
			For Black Aluminum Frames (Three Piece), Add	174.96	
08 12 13 13-0089	EA		2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	576.08	90.58
			For Auxiliary Frame Reinforcement For Hinges, Add	59.24	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	47.39	
			For Type 304 Stainless Steel Frame, Add	719.91	
			For Type 316 Stainless Steel Frame, Add	838.39	
			For Baked Enamel Finish, Add	145.65	
			For 18 Gauge Frame, Deduct	-39.49	
			For 14 Gauge Frame, Add	98.73	
			For 12 Gauge Frame, Add	150.07	
			For Clear Aluminum Frames (Three Piece), Add	116.50	
			For Black Aluminum Frames (Three Piece), Add	177.71	
08 12 13 13-0090	EA		3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	586.86	92.91
			For Auxiliary Frame Reinforcement For Hinges, Add	60.16	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	48.13	
			For Type 304 Stainless Steel Frame, Add	731.18	
			For Type 316 Stainless Steel Frame, Add	851.50	
			For Baked Enamel Finish, Add	148.19	
			For 18 Gauge Frame, Deduct	-40.11	
			For 14 Gauge Frame, Add	100.26	
			For 12 Gauge Frame, Add	152.40	
			For Clear Aluminum Frames (Three Piece), Add	118.31	
			For Black Aluminum Frames (Three Piece), Add	180.47	
08 12 13 13-0091	EA		3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	623.69	97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	64.29	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	51.43	
			For Type 304 Stainless Steel Frame, Add	781.23	
			For Type 316 Stainless Steel Frame, Add	909.81	
			For Baked Enamel Finish, Add	157.84	
			For 18 Gauge Frame, Deduct	-42.86	
			For 14 Gauge Frame, Add	107.15	
			For 12 Gauge Frame, Add	162.87	
			For Clear Aluminum Frames (Three Piece), Add	126.44	
			For Black Aluminum Frames (Three Piece), Add	192.87	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0092	EA		3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	632.99	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	64.29	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	51.43	
			For Type 304 Stainless Steel Frame, Add	781.70	
			For Type 316 Stainless Steel Frame, Add	910.28	
			For Baked Enamel Finish, Add	159.24	
			For 18 Gauge Frame, Deduct	-42.86	
			For 14 Gauge Frame, Add	107.15	
			For 12 Gauge Frame, Add	162.87	
			For Clear Aluminum Frames (Three Piece), Add	126.44	
			For Black Aluminum Frames (Three Piece), Add	192.87	
08 12 13 13-0093	EA		4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	657.59	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	66.59	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	53.27	
			For Type 304 Stainless Steel Frame, Add	809.72	
			For Type 316 Stainless Steel Frame, Add	942.90	
			For Baked Enamel Finish, Add	165.23	
			For 18 Gauge Frame, Deduct	-44.39	
			For 14 Gauge Frame, Add	110.98	
			For 12 Gauge Frame, Add	168.69	
			For Clear Aluminum Frames (Three Piece), Add	130.95	
			For Black Aluminum Frames (Three Piece), Add	199.76	
08 12 13 13-0094	EA		5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	682.18	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	68.88	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.11	
			For Type 304 Stainless Steel Frame, Add	837.73	
			For Type 316 Stainless Steel Frame, Add	975.49	
			For Baked Enamel Finish, Add	171.21	
			For 18 Gauge Frame, Deduct	-45.92	
			For 14 Gauge Frame, Add	114.80	
			For 12 Gauge Frame, Add	174.50	
			For Clear Aluminum Frames (Three Piece), Add	135.47	
			For Black Aluminum Frames (Three Piece), Add	206.64	
08 12 13 13-0095	EA		5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	691.47	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	68.88	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.11	
			For Type 304 Stainless Steel Frame, Add	838.19	
			For Type 316 Stainless Steel Frame, Add	975.95	
			For Baked Enamel Finish, Add	172.60	
			For 18 Gauge Frame, Deduct	-45.92	
			For 14 Gauge Frame, Add	114.80	
			For 12 Gauge Frame, Add	174.50	
			For Clear Aluminum Frames (Three Piece), Add	135.47	
			For Black Aluminum Frames (Three Piece), Add	206.64	
08 12 13 13-0096	EA		5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	703.78	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	70.03	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	56.02	
			For Type 304 Stainless Steel Frame, Add	852.21	
			For Type 316 Stainless Steel Frame, Add	992.27	
			For Baked Enamel Finish, Add	175.60	
			For 18 Gauge Frame, Deduct	-46.69	
			For 14 Gauge Frame, Add	116.72	
			For 12 Gauge Frame, Add	177.41	
			For Clear Aluminum Frames (Three Piece), Add	137.73	
			For Black Aluminum Frames (Three Piece), Add	210.09	
08 12 13 13-0097	EA		6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	716.07	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	71.18	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	56.94	
			For Type 304 Stainless Steel Frame, Add	866.21	
			For Type 316 Stainless Steel Frame, Add	1,008.57	
			For Baked Enamel Finish, Add	178.59	
			For 18 Gauge Frame, Deduct	-47.45	
			For 14 Gauge Frame, Add	118.63	
			For 12 Gauge Frame, Add	180.32	
			For Clear Aluminum Frames (Three Piece), Add	139.98	
			For Black Aluminum Frames (Three Piece), Add	213.53	
08 12 13 13-0098	EA		7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	751.33	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	75.77	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	60.62	
			For Type 304 Stainless Steel Frame, Add	921.54	
			For Type 316 Stainless Steel Frame, Add	1,073.08	
			For Baked Enamel Finish, Add	188.47	
			For 18 Gauge Frame, Deduct	-50.51	
			For 14 Gauge Frame, Add	126.28	
			For 12 Gauge Frame, Add	191.95	
			For Clear Aluminum Frames (Three Piece), Add	149.01	
			For Black Aluminum Frames (Three Piece), Add	227.31	



		Openings	08
		Doors and Frames	08 10
		Metal Frames	08 12

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	786.60	125.42
		For Auxiliary Frame Reinforcement For Hinges, Add	80.36	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	64.29	
		For Type 304 Stainless Steel Frame, Add	976.89	
		For Type 316 Stainless Steel Frame, Add	1,137.62	
		For Baked Enamel Finish, Add	198.35	
		For 18 Gauge Frame, Deduct	-53.58	
		For 14 Gauge Frame, Add	133.94	
		For 12 Gauge Frame, Add	203.59	
		For Clear Aluminum Frames (Three Piece), Add	158.05	
		For Black Aluminum Frames (Three Piece), Add	241.09	
08 12 13 13-0100		6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0101		6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0100)		
08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	450.35	69.68
		For Auxiliary Frame Reinforcement For Hinges, Add	46.65	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	37.32	
		For Type 304 Stainless Steel Frame, Add	566.77	
		For Type 316 Stainless Steel Frame, Add	660.07	
		For Baked Enamel Finish, Add	114.20	
		For 18 Gauge Frame, Deduct	-31.10	
		For 14 Gauge Frame, Add	77.75	
		For 12 Gauge Frame, Add	118.18	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	523.53	76.64
		For Auxiliary Frame Reinforcement For Hinges, Add	55.54	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	44.43	
		For Type 304 Stainless Steel Frame, Add	674.10	
		For Type 316 Stainless Steel Frame, Add	785.17	
		For Baked Enamel Finish, Add	134.07	
		For 18 Gauge Frame, Deduct	-37.02	
		For 14 Gauge Frame, Add	92.56	
		For 12 Gauge Frame, Add	140.69	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	538.75	81.29
		For Auxiliary Frame Reinforcement For Hinges, Add	56.42	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	45.14	
		For Type 304 Stainless Steel Frame, Add	685.22	
		For Type 316 Stainless Steel Frame, Add	798.07	
		For Baked Enamel Finish, Add	137.24	
		For 18 Gauge Frame, Deduct	-37.62	
		For 14 Gauge Frame, Add	94.04	
		For 12 Gauge Frame, Add	142.94	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	552.68	88.26
		For Auxiliary Frame Reinforcement For Hinges, Add	56.42	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	45.14	
		For Type 304 Stainless Steel Frame, Add	685.91	
		For Type 316 Stainless Steel Frame, Add	798.76	
		For Baked Enamel Finish, Add	139.33	
		For 18 Gauge Frame, Deduct	-37.62	
		For 14 Gauge Frame, Add	94.04	
		For 12 Gauge Frame, Add	142.94	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	563.25	90.58
		For Auxiliary Frame Reinforcement For Hinges, Add	57.31	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	45.85	
		For Type 304 Stainless Steel Frame, Add	696.82	
		For Type 316 Stainless Steel Frame, Add	811.45	
		For Baked Enamel Finish, Add	141.80	
		For 18 Gauge Frame, Deduct	-38.21	
		For 14 Gauge Frame, Add	95.52	
		For 12 Gauge Frame, Add	145.19	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	573.82	92.91
		For Auxiliary Frame Reinforcement For Hinges, Add	58.20	
		For Welded Frames, Add	95.88	
		For Galvanized Frames, Add	46.56	
		For Type 304 Stainless Steel Frame, Add	707.71	
		For Type 316 Stainless Steel Frame, Add	824.11	
		For Baked Enamel Finish, Add	144.27	
		For 18 Gauge Frame, Deduct	-38.80	
		For 14 Gauge Frame, Add	97.00	
		For 12 Gauge Frame, Add	147.44	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0108	EA		3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....609.76		97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	62.20	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	49.76	
			For Type 304 Stainless Steel Frame, Add	756.16	
			For Type 316 Stainless Steel Frame, Add	880.56	
			For Baked Enamel Finish, Add	153.66	
			For 18 Gauge Frame, Deduct	-41.47	
			For 14 Gauge Frame, Add	103.67	
			For 12 Gauge Frame, Add	157.57	
08 12 13 13-0109	EA		3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....619.06		102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	62.20	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	49.76	
			For Type 304 Stainless Steel Frame, Add	756.63	
			For Type 316 Stainless Steel Frame, Add	881.03	
			For Baked Enamel Finish, Add	155.06	
			For 18 Gauge Frame, Deduct	-41.47	
			For 14 Gauge Frame, Add	103.67	
			For 12 Gauge Frame, Add	157.57	
08 12 13 13-0110	EA		4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....643.16		106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	64.42	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	51.54	
			For Type 304 Stainless Steel Frame, Add	783.75	
			For Type 316 Stainless Steel Frame, Add	912.59	
			For Baked Enamel Finish, Add	160.90	
			For 18 Gauge Frame, Deduct	-42.95	
			For 14 Gauge Frame, Add	107.37	
			For 12 Gauge Frame, Add	163.20	
08 12 13 13-0111	EA		5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....667.26		111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	66.64	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	53.31	
			For Type 304 Stainless Steel Frame, Add	810.87	
			For Type 316 Stainless Steel Frame, Add	944.16	
			For Baked Enamel Finish, Add	166.73	
			For 18 Gauge Frame, Deduct	-44.43	
			For 14 Gauge Frame, Add	111.07	
			For 12 Gauge Frame, Add	168.83	
08 12 13 13-0112	EA		5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....676.55		116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	66.64	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	53.31	
			For Type 304 Stainless Steel Frame, Add	811.34	
			For Type 316 Stainless Steel Frame, Add	944.62	
			For Baked Enamel Finish, Add	168.13	
			For 18 Gauge Frame, Deduct	-44.43	
			For 14 Gauge Frame, Add	111.07	
			For 12 Gauge Frame, Add	168.83	
08 12 13 13-0113	EA		5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....688.60		118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	67.75	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	54.20	
			For Type 304 Stainless Steel Frame, Add	824.89	
			For Type 316 Stainless Steel Frame, Add	960.39	
			For Baked Enamel Finish, Add	171.04	
			For 18 Gauge Frame, Deduct	-45.17	
			For 14 Gauge Frame, Add	112.92	
			For 12 Gauge Frame, Add	171.64	
08 12 13 13-0114	EA		6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....700.65		120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	68.87	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.09	
			For Type 304 Stainless Steel Frame, Add	838.46	
			For Type 316 Stainless Steel Frame, Add	976.19	
			For Baked Enamel Finish, Add	173.96	
			For 18 Gauge Frame, Deduct	-45.91	
			For 14 Gauge Frame, Add	114.78	
			For 12 Gauge Frame, Add	174.46	
08 12 13 13-0115	EA		7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....734.91		123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	73.31	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	58.65	
			For Type 304 Stainless Steel Frame, Add	891.99	
			For Type 316 Stainless Steel Frame, Add	1,038.60	
			For Baked Enamel Finish, Add	183.54	
			For 18 Gauge Frame, Deduct	-48.87	
			For 14 Gauge Frame, Add	122.18	
			For 12 Gauge Frame, Add	185.71	



		Openings	08
		Doors and Frames	08 10
		Metal Frames	08 12

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0116	EA		8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	769.19	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	77.75	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	62.20	
			For Type 304 Stainless Steel Frame, Add	945.55	
			For Type 316 Stainless Steel Frame, Add	1,101.06	
			For Baked Enamel Finish, Add	193.13	
			For 18 Gauge Frame, Deduct	-51.83	
			For 14 Gauge Frame, Add	129.59	
			For 12 Gauge Frame, Add	196.97	
08 12 13 13-0117			>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0100)		
08 12 13 13-0118	EA		2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	484.91	69.68
			For Auxiliary Frame Reinforcement For Hinges, Add	51.83	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	41.47	
			For Type 304 Stainless Steel Frame, Add	628.98	
			For Type 316 Stainless Steel Frame, Add	732.64	
			For Baked Enamel Finish, Add	124.57	
			For 18 Gauge Frame, Deduct	-34.56	
			For 14 Gauge Frame, Add	86.39	
			For 12 Gauge Frame, Add	131.31	
08 12 13 13-0119	EA		2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	564.67	76.64
			For Auxiliary Frame Reinforcement For Hinges, Add	61.71	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	49.37	
			For Type 304 Stainless Steel Frame, Add	748.15	
			For Type 316 Stainless Steel Frame, Add	871.56	
			For Baked Enamel Finish, Add	146.41	
			For 18 Gauge Frame, Deduct	-41.14	
			For 14 Gauge Frame, Add	102.85	
			For 12 Gauge Frame, Add	156.32	
08 12 13 13-0120	EA		2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	580.55	81.29
			For Auxiliary Frame Reinforcement For Hinges, Add	62.69	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	50.16	
			For Type 304 Stainless Steel Frame, Add	760.46	
			For Type 316 Stainless Steel Frame, Add	885.85	
			For Baked Enamel Finish, Add	149.78	
			For 18 Gauge Frame, Deduct	-41.80	
			For 14 Gauge Frame, Add	104.49	
			For 12 Gauge Frame, Add	158.82	
08 12 13 13-0121	EA		2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	594.48	88.26
			For Auxiliary Frame Reinforcement For Hinges, Add	62.69	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	50.16	
			For Type 304 Stainless Steel Frame, Add	761.15	
			For Type 316 Stainless Steel Frame, Add	886.54	
			For Baked Enamel Finish, Add	151.87	
			For 18 Gauge Frame, Deduct	-41.80	
			For 14 Gauge Frame, Add	104.49	
			For 12 Gauge Frame, Add	158.82	
08 12 13 13-0122	EA		2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	605.70	90.58
			For Auxiliary Frame Reinforcement For Hinges, Add	63.68	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	50.94	
			For Type 304 Stainless Steel Frame, Add	773.23	
			For Type 316 Stainless Steel Frame, Add	900.59	
			For Baked Enamel Finish, Add	154.54	
			For 18 Gauge Frame, Deduct	-42.45	
			For 14 Gauge Frame, Add	106.14	
			For 12 Gauge Frame, Add	161.33	
08 12 13 13-0123	EA		3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	616.93	92.91
			For Auxiliary Frame Reinforcement For Hinges, Add	64.67	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	51.73	
			For Type 304 Stainless Steel Frame, Add	785.31	
			For Type 316 Stainless Steel Frame, Add	914.64	
			For Baked Enamel Finish, Add	157.21	
			For 18 Gauge Frame, Deduct	-43.11	
			For 14 Gauge Frame, Add	107.78	
			For 12 Gauge Frame, Add	163.83	
08 12 13 13-0124	EA		3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	655.83	97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	69.11	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.29	
			For Type 304 Stainless Steel Frame, Add	839.09	
			For Type 316 Stainless Steel Frame, Add	977.31	
			For Baked Enamel Finish, Add	167.49	
			For 18 Gauge Frame, Deduct	-46.07	
			For 14 Gauge Frame, Add	115.19	
			For 12 Gauge Frame, Add	175.08	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0125	EA		3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	665.13	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	69.11	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.29	
			For Type 304 Stainless Steel Frame, Add	839.55	
			For Type 316 Stainless Steel Frame, Add	977.77	
			For Baked Enamel Finish, Add	168.88	
			For 18 Gauge Frame, Deduct	-46.07	
			For 14 Gauge Frame, Add	115.19	
			For 12 Gauge Frame, Add	175.08	
08 12 13 13-0126	EA		4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	690.88	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	71.58	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	57.26	
			For Type 304 Stainless Steel Frame, Add	869.64	
			For Type 316 Stainless Steel Frame, Add	1,012.80	
			For Baked Enamel Finish, Add	175.21	
			For 18 Gauge Frame, Deduct	-47.72	
			For 14 Gauge Frame, Add	119.30	
			For 12 Gauge Frame, Add	181.34	
08 12 13 13-0127	EA		5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	716.62	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	74.05	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	59.24	
			For Type 304 Stainless Steel Frame, Add	899.72	
			For Type 316 Stainless Steel Frame, Add	1,047.81	
			For Baked Enamel Finish, Add	181.54	
			For 18 Gauge Frame, Deduct	-49.37	
			For 14 Gauge Frame, Add	123.41	
			For 12 Gauge Frame, Add	187.59	
08 12 13 13-0128	EA		5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	725.91	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	74.05	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	59.24	
			For Type 304 Stainless Steel Frame, Add	900.18	
			For Type 316 Stainless Steel Frame, Add	1,048.28	
			For Baked Enamel Finish, Add	182.93	
			For 18 Gauge Frame, Deduct	-49.37	
			For 14 Gauge Frame, Add	123.41	
			For 12 Gauge Frame, Add	187.59	
08 12 13 13-0129	EA		5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	738.79	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	75.28	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	60.23	
			For Type 304 Stainless Steel Frame, Add	915.23	
			For Type 316 Stainless Steel Frame, Add	1,065.79	
			For Baked Enamel Finish, Add	186.10	
			For 18 Gauge Frame, Deduct	-50.19	
			For 14 Gauge Frame, Add	125.47	
			For 12 Gauge Frame, Add	190.71	
08 12 13 13-0130	EA		6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	751.66	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	76.52	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	61.21	
			For Type 304 Stainless Steel Frame, Add	930.28	
			For Type 316 Stainless Steel Frame, Add	1,083.31	
			For Baked Enamel Finish, Add	189.27	
			For 18 Gauge Frame, Deduct	-51.01	
			For 14 Gauge Frame, Add	127.53	
			For 12 Gauge Frame, Add	193.84	
08 12 13 13-0131	EA		7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	789.21	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	81.45	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	65.16	
			For Type 304 Stainless Steel Frame, Add	989.73	
			For Type 316 Stainless Steel Frame, Add	1,152.63	
			For Baked Enamel Finish, Add	199.83	
			For 18 Gauge Frame, Deduct	-54.30	
			For 14 Gauge Frame, Add	135.75	
			For 12 Gauge Frame, Add	206.34	
08 12 13 13-0132	EA		8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	826.78	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	86.39	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	69.11	
			For Type 304 Stainless Steel Frame, Add	1,049.22	
			For Type 316 Stainless Steel Frame, Add	1,222.00	
			For Baked Enamel Finish, Add	210.41	
			For 18 Gauge Frame, Deduct	-57.59	
			For 14 Gauge Frame, Add	143.98	
			For 12 Gauge Frame, Add	218.85	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door
Frames (08 12 13 13)

Note: For non-rated or fire rated frame assemblies



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)					
08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	464.82		69.68
		For Auxiliary Frame Reinforcement For Hinges, Add	48.82		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	39.06		
		For Type 304 Stainless Steel Frame, Add	592.81		
		For Type 316 Stainless Steel Frame, Add	690.45		
		For Baked Enamel Finish, Add	118.54		
		For 18 Gauge Frame, Deduct	-32.55		
		For 14 Gauge Frame, Add	81.37		
		For 12 Gauge Frame, Add	123.68		
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	540.75		76.64
		For Auxiliary Frame Reinforcement For Hinges, Add	58.12		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	46.50		
		For Type 304 Stainless Steel Frame, Add	705.09		
		For Type 316 Stainless Steel Frame, Add	821.33		
		For Baked Enamel Finish, Add	139.23		
		For 18 Gauge Frame, Deduct	-38.75		
		For 14 Gauge Frame, Add	96.87		
		For 12 Gauge Frame, Add	147.23		
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.25		81.29
		For Auxiliary Frame Reinforcement For Hinges, Add	59.05		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	47.24		
		For Type 304 Stainless Steel Frame, Add	716.72		
		For Type 316 Stainless Steel Frame, Add	834.82		
		For Baked Enamel Finish, Add	142.49		
		For 18 Gauge Frame, Deduct	-39.37		
		For 14 Gauge Frame, Add	98.42		
		For 12 Gauge Frame, Add	149.59		
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	570.18		88.26
		For Auxiliary Frame Reinforcement For Hinges, Add	59.05		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	47.24		
		For Type 304 Stainless Steel Frame, Add	717.41		
		For Type 316 Stainless Steel Frame, Add	835.51		
		For Baked Enamel Finish, Add	144.58		
		For 18 Gauge Frame, Deduct	-39.37		
		For 14 Gauge Frame, Add	98.42		
		For 12 Gauge Frame, Add	149.59		
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	581.02		90.58
		For Auxiliary Frame Reinforcement For Hinges, Add	59.98		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	47.98		
		For Type 304 Stainless Steel Frame, Add	728.81		
		For Type 316 Stainless Steel Frame, Add	848.76		
		For Baked Enamel Finish, Add	147.13		
		For 18 Gauge Frame, Deduct	-39.99		
		For 14 Gauge Frame, Add	99.97		
		For 12 Gauge Frame, Add	151.95		
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	591.87		92.91
		For Auxiliary Frame Reinforcement For Hinges, Add	60.91		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	48.73		
		For Type 304 Stainless Steel Frame, Add	740.20		
		For Type 316 Stainless Steel Frame, Add	862.02		
		For Baked Enamel Finish, Add	149.69		
		For 18 Gauge Frame, Deduct	-40.61		
		For 14 Gauge Frame, Add	101.52		
		For 12 Gauge Frame, Add	154.30		
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	629.05		97.55
		For Auxiliary Frame Reinforcement For Hinges, Add	65.09		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	52.08		
		For Type 304 Stainless Steel Frame, Add	790.88		
		For Type 316 Stainless Steel Frame, Add	921.07		
		For Baked Enamel Finish, Add	159.45		
		For 18 Gauge Frame, Deduct	-43.40		
		For 14 Gauge Frame, Add	108.49		
		For 12 Gauge Frame, Add	164.90		
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	638.35		102.20
		For Auxiliary Frame Reinforcement For Hinges, Add	65.09		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	52.08		
		For Type 304 Stainless Steel Frame, Add	791.35		
		For Type 316 Stainless Steel Frame, Add	921.54		
		For Baked Enamel Finish, Add	160.85		
		For 18 Gauge Frame, Deduct	-43.40		
		For 14 Gauge Frame, Add	108.49		
		For 12 Gauge Frame, Add	164.90		

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0143	EA		4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	663.13	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	67.42	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	53.93	
			For Type 304 Stainless Steel Frame, Add	819.69	
			For Type 316 Stainless Steel Frame, Add	954.53	
			For Baked Enamel Finish, Add	166.89	
			For 18 Gauge Frame, Deduct	-44.95	
			For 14 Gauge Frame, Add	112.36	
			For 12 Gauge Frame, Add	170.79	
08 12 13 13-0144	EA		5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	687.92	111.48
			For Auxiliary Frame Reinforcement For Hinges, Add	69.74	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.79	
			For Type 304 Stainless Steel Frame, Add	848.06	
			For Type 316 Stainless Steel Frame, Add	987.54	
			For Baked Enamel Finish, Add	172.93	
			For 18 Gauge Frame, Deduct	-46.50	
			For 14 Gauge Frame, Add	116.24	
			For 12 Gauge Frame, Add	176.68	
08 12 13 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	697.21	116.13
			For Auxiliary Frame Reinforcement For Hinges, Add	69.74	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	55.79	
			For Type 304 Stainless Steel Frame, Add	848.52	
			For Type 316 Stainless Steel Frame, Add	988.01	
			For Baked Enamel Finish, Add	174.32	
			For 18 Gauge Frame, Deduct	-46.50	
			For 14 Gauge Frame, Add	116.24	
			For 12 Gauge Frame, Add	176.68	
08 12 13 13-0146	EA		5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	709.61	118.45
			For Auxiliary Frame Reinforcement For Hinges, Add	70.91	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	56.72	
			For Type 304 Stainless Steel Frame, Add	862.71	
			For Type 316 Stainless Steel Frame, Add	1,004.52	
			For Baked Enamel Finish, Add	177.35	
			For 18 Gauge Frame, Deduct	-47.27	
			For 14 Gauge Frame, Add	118.18	
			For 12 Gauge Frame, Add	179.63	
08 12 13 13-0147	EA		6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	722.00	120.78
			For Auxiliary Frame Reinforcement For Hinges, Add	72.07	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	57.65	
			For Type 304 Stainless Steel Frame, Add	876.89	
			For Type 316 Stainless Steel Frame, Add	1,021.02	
			For Baked Enamel Finish, Add	180.37	
			For 18 Gauge Frame, Deduct	-48.05	
			For 14 Gauge Frame, Add	120.11	
			For 12 Gauge Frame, Add	182.57	
08 12 13 13-0148	EA		7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	757.64	123.10
			For Auxiliary Frame Reinforcement For Hinges, Add	76.72	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	61.37	
			For Type 304 Stainless Steel Frame, Add	932.90	
			For Type 316 Stainless Steel Frame, Add	1,086.33	
			For Baked Enamel Finish, Add	190.36	
			For 18 Gauge Frame, Deduct	-51.14	
			For 14 Gauge Frame, Add	127.86	
			For 12 Gauge Frame, Add	194.35	
08 12 13 13-0149	EA		8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	793.30	125.42
			For Auxiliary Frame Reinforcement For Hinges, Add	81.37	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	65.09	
			For Type 304 Stainless Steel Frame, Add	988.95	
			For Type 316 Stainless Steel Frame, Add	1,151.69	
			For Baked Enamel Finish, Add	200.36	
			For 18 Gauge Frame, Deduct	-54.25	
			For 14 Gauge Frame, Add	135.61	
			For 12 Gauge Frame, Add	206.13	
08 12 13 13-0150			>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)		
08 12 13 13-0151	EA		2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	500.98	69.68
			For Auxiliary Frame Reinforcement For Hinges, Add	54.24	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	43.40	
			For Type 304 Stainless Steel Frame, Add	657.90	
			For Type 316 Stainless Steel Frame, Add	766.39	
			For Baked Enamel Finish, Add	129.39	
			For 18 Gauge Frame, Deduct	-36.16	
			For 14 Gauge Frame, Add	90.41	
			For 12 Gauge Frame, Add	137.42	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0152	EA	2'-4" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	583.80	76.64
			For Auxiliary Frame Reinforcement For Hinges, Add	64.58	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	51.66	
			For Type 304 Stainless Steel Frame, Add	782.58	
			For Type 316 Stainless Steel Frame, Add	911.74	
			For Baked Enamel Finish, Add	152.15	
			For 18 Gauge Frame, Deduct	-43.05	
			For 14 Gauge Frame, Add	107.63	
			For 12 Gauge Frame, Add	163.59	
08 12 13 13-0153	EA	2'-6" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	599.99	81.29
			For Auxiliary Frame Reinforcement For Hinges, Add	65.61	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	52.49	
			For Type 304 Stainless Steel Frame, Add	795.45	
			For Type 316 Stainless Steel Frame, Add	926.67	
			For Baked Enamel Finish, Add	155.61	
			For 18 Gauge Frame, Deduct	-43.74	
			For 14 Gauge Frame, Add	109.35	
			For 12 Gauge Frame, Add	166.21	
08 12 13 13-0154	EA	2'-8" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	613.92	88.26
			For Auxiliary Frame Reinforcement For Hinges, Add	65.61	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	52.49	
			For Type 304 Stainless Steel Frame, Add	796.15	
			For Type 316 Stainless Steel Frame, Add	927.37	
			For Baked Enamel Finish, Add	157.70	
			For 18 Gauge Frame, Deduct	-43.74	
			For 14 Gauge Frame, Add	109.35	
			For 12 Gauge Frame, Add	166.21	
08 12 13 13-0155	EA	2'-10" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	625.45	90.58
			For Auxiliary Frame Reinforcement For Hinges, Add	66.64	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	53.31	
			For Type 304 Stainless Steel Frame, Add	808.78	
			For Type 316 Stainless Steel Frame, Add	942.07	
			For Baked Enamel Finish, Add	160.46	
			For 18 Gauge Frame, Deduct	-44.43	
			For 14 Gauge Frame, Add	111.07	
			For 12 Gauge Frame, Add	168.83	
08 12 13 13-0156	EA	3' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	636.99	92.91
			For Auxiliary Frame Reinforcement For Hinges, Add	67.68	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	54.14	
			For Type 304 Stainless Steel Frame, Add	821.41	
			For Type 316 Stainless Steel Frame, Add	956.77	
			For Baked Enamel Finish, Add	163.23	
			For 18 Gauge Frame, Deduct	-45.12	
			For 14 Gauge Frame, Add	112.80	
			For 12 Gauge Frame, Add	171.45	
08 12 13 13-0157	EA	3'-4" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	677.26	97.55
			For Auxiliary Frame Reinforcement For Hinges, Add	72.33	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	57.86	
			For Type 304 Stainless Steel Frame, Add	877.66	
			For Type 316 Stainless Steel Frame, Add	1,022.31	
			For Baked Enamel Finish, Add	173.91	
			For 18 Gauge Frame, Deduct	-48.22	
			For 14 Gauge Frame, Add	120.54	
			For 12 Gauge Frame, Add	183.22	
08 12 13 13-0158	EA	3'-6" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	686.56	102.20
			For Auxiliary Frame Reinforcement For Hinges, Add	72.33	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	57.86	
			For Type 304 Stainless Steel Frame, Add	878.13	
			For Type 316 Stainless Steel Frame, Add	1,022.78	
			For Baked Enamel Finish, Add	175.31	
			For 18 Gauge Frame, Deduct	-48.22	
			For 14 Gauge Frame, Add	120.54	
			For 12 Gauge Frame, Add	183.22	
08 12 13 13-0159	EA	4' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	713.07	106.84
			For Auxiliary Frame Reinforcement For Hinges, Add	74.91	
			For Welded Frames, Add	95.88	
			For Galvanized Frames, Add	59.93	
			For Type 304 Stainless Steel Frame, Add	909.59	
			For Type 316 Stainless Steel Frame, Add	1,059.40	
			For Baked Enamel Finish, Add	181.87	
			For 18 Gauge Frame, Deduct	-49.94	
			For 14 Gauge Frame, Add	124.85	
			For 12 Gauge Frame, Add	189.77	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	739.58	111.48	
		For Auxiliary Frame Reinforcement For Hinges, Add	77.49		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	61.99		
		For Type 304 Stainless Steel Frame, Add	941.05		
		For Type 316 Stainless Steel Frame, Add	1,096.03		
		For Baked Enamel Finish, Add	188.43		
		For 18 Gauge Frame, Deduct	-51.66		
		For 14 Gauge Frame, Add	129.15		
		For 12 Gauge Frame, Add	196.31		
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	748.87	116.13	
		For Auxiliary Frame Reinforcement For Hinges, Add	77.49		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	61.99		
		For Type 304 Stainless Steel Frame, Add	941.51		
		For Type 316 Stainless Steel Frame, Add	1,096.49		
		For Baked Enamel Finish, Add	189.82		
		For 18 Gauge Frame, Deduct	-51.66		
		For 14 Gauge Frame, Add	129.15		
		For 12 Gauge Frame, Add	196.31		
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	762.13	118.45	
		For Auxiliary Frame Reinforcement For Hinges, Add	78.78		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	63.03		
		For Type 304 Stainless Steel Frame, Add	957.24		
		For Type 316 Stainless Steel Frame, Add	1,114.81		
		For Baked Enamel Finish, Add	193.10		
		For 18 Gauge Frame, Deduct	-52.52		
		For 14 Gauge Frame, Add	131.31		
		For 12 Gauge Frame, Add	199.58		
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	775.38	120.78	
		For Auxiliary Frame Reinforcement For Hinges, Add	80.07		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	64.06		
		For Type 304 Stainless Steel Frame, Add	972.97		
		For Type 316 Stainless Steel Frame, Add	1,133.12		
		For Baked Enamel Finish, Add	196.38		
		For 18 Gauge Frame, Deduct	-53.38		
		For 14 Gauge Frame, Add	133.46		
		For 12 Gauge Frame, Add	202.86		
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	814.47	123.10	
		For Auxiliary Frame Reinforcement For Hinges, Add	85.24		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	68.19		
		For Type 304 Stainless Steel Frame, Add	1,035.20		
		For Type 316 Stainless Steel Frame, Add	1,205.68		
		For Baked Enamel Finish, Add	207.41		
		For 18 Gauge Frame, Deduct	-56.83		
		For 14 Gauge Frame, Add	142.07		
		For 12 Gauge Frame, Add	215.94		
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	853.57	125.42	
		For Auxiliary Frame Reinforcement For Hinges, Add	90.41		
		For Welded Frames, Add	95.88		
		For Galvanized Frames, Add	72.33		
		For Type 304 Stainless Steel Frame, Add	1,097.44		
		For Type 316 Stainless Steel Frame, Add	1,278.25		
		For Baked Enamel Finish, Add	218.44		
		For 18 Gauge Frame, Deduct	-60.27		
		For 14 Gauge Frame, Add	150.68		
		For 12 Gauge Frame, Add	229.03		
08 12 13 13-0166		Sidelights And Transoms (08 12 13 13)			
		Note: For non-rated or fire rated frame assemblies			
08 12 13 13-0167		Fixed Steel Transoms (08 12 13 13-0166)			
		Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.			
08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	55.29	13.01	
		For Movable Frame, Add	11.06		
		For 18 Gauge Frame, Deduct	-2.93		
		For 14 Gauge Frame, Add	7.32		
		For 12 Gauge Frame, Add	11.12		
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	57.65	13.47	
		For Movable Frame, Add	11.53		
		For 18 Gauge Frame, Deduct	-3.07		
		For 14 Gauge Frame, Add	7.68		
		For 12 Gauge Frame, Add	11.67		
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	60.13	13.94	
		For Movable Frame, Add	12.03		
		For 18 Gauge Frame, Deduct	-3.23		
		For 14 Gauge Frame, Add	8.07		
		For 12 Gauge Frame, Add	12.26		
08 12 13 13-0171		Operable Steel Transom Sash (08 12 13 13-0166)			
		Note: Includes hardware.			



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0172	SF		4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	75.06 -4.90 12.26 18.64	13.01
08 12 13 13-0173	SF		5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	78.44 -5.15 12.88 19.57	13.47
08 12 13 13-0174	SF		6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	81.94 -5.41 13.52 20.55	13.94
08 12 13 13-0175			Sidelights, Steel Frame (08 12 13 13-0166) Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF		4-3/4" Deep Sidelights, 16 Gauge Frame..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	57.47 -3.15 7.86 11.95	13.01
08 12 13 13-0177	SF		5-3/4" Deep Sidelights, 16 Gauge Frame..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	59.97 -3.30 8.26 12.55	13.47
08 12 13 13-0178	SF		6-3/4" Deep Sidelights, 16 Gauge Frame..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	62.54 -3.47 8.67 13.17	13.94
08 12 13 13-0179			Sundry Hollow Metal Frame Sections (08 12 13 13-0181) Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180			16 Gauge, Hollow Metal Frame Vertical Mullions (08 12 13 13-0179)		
08 12 13 13-0181	LF		4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	33.00 -1.99 4.98 7.57 8.00 5.00 4.00	5.20
08 12 13 13-0182	LF		4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	33.80 -2.07 5.18 7.87 8.00 5.00 4.00	5.20
08 12 13 13-0183	LF		5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	33.37 -1.99 4.98 7.57 8.00 5.00 4.00	5.38
08 12 13 13-0184	LF		5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	34.61 -2.12 5.29 8.04 8.00 5.00 4.00	5.38
08 12 13 13-0185	LF		6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	34.66 -2.09 5.23 7.94 8.00 5.00 4.00	5.49
08 12 13 13-0186	LF		6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	35.13 -2.14 5.34 8.12 8.00 5.00 4.00	5.49
08 12 13 13-0187			16 Gauge, Hollow Metal Frame Horizontal Rails (08 12 13 13-0179)		
08 12 13 13-0188	LF		4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add	23.04 -1.00 2.49 3.78 8.00 5.00 4.00	5.20

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0189	LF		4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	24.06	5.20
			For 18 Gauge Frame, Deduct	-1.10	
			For 14 Gauge Frame, Add	2.74	
			For 12 Gauge Frame, Add	4.17	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0190	LF		5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	23.41	5.38
			For 18 Gauge Frame, Deduct	-1.00	
			For 14 Gauge Frame, Add	2.49	
			For 12 Gauge Frame, Add	3.78	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0191	LF		5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	24.43	5.38
			For 18 Gauge Frame, Deduct	-1.10	
			For 14 Gauge Frame, Add	2.74	
			For 12 Gauge Frame, Add	4.17	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0192	LF		6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	24.21	5.49
			For 18 Gauge Frame, Deduct	-1.05	
			For 14 Gauge Frame, Add	2.61	
			For 12 Gauge Frame, Add	3.97	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0193	LF		6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	25.09	5.49
			For 18 Gauge Frame, Deduct	-1.13	
			For 14 Gauge Frame, Add	2.83	
			For 12 Gauge Frame, Add	4.31	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0194			16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions (08 12 13 13-0179)		
08 12 13 13-0195	EA		4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	880.95	36.42
			For 18 Gauge Frame, Deduct	-78.99	
			For 14 Gauge Frame, Add	197.48	
			For 12 Gauge Frame, Add	300.17	
08 12 13 13-0196	EA		4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	912.46	36.42
			For 18 Gauge Frame, Deduct	-82.14	
			For 14 Gauge Frame, Add	205.36	
			For 12 Gauge Frame, Add	312.14	
08 12 13 13-0197	EA		5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,010.90	38.10
			For 18 Gauge Frame, Deduct	-91.71	
			For 14 Gauge Frame, Add	229.27	
			For 12 Gauge Frame, Add	348.48	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0198	EA		5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,039.03	38.10
			For 18 Gauge Frame, Deduct	-94.52	
			For 14 Gauge Frame, Add	236.30	
			For 12 Gauge Frame, Add	359.17	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0199	EA		6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,175.52	39.02
			For 18 Gauge Frame, Deduct	-107.80	
			For 14 Gauge Frame, Add	269.49	
			For 12 Gauge Frame, Add	409.63	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0200	EA		6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,194.65	39.02
			For 18 Gauge Frame, Deduct	-109.71	
			For 14 Gauge Frame, Add	274.28	
			For 12 Gauge Frame, Add	416.90	
			For 3 Hour Frame, Add	56.00	
			For 1-1/2 Hour Frame, Add	36.00	
			For 3/4 Hour Frame, Add	28.00	
08 12 13 13-0201			Metal Frames Accessories (08 12 13 13)		
08 12 13 13-0202	EA		For 1' Extension Of New Door Frame	35.72	

08 12 16 Aluminum Frames (08 12)**08 12 16 00-0001 Two Piece Aluminum Door Frames** (08 12 16)**08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames** (08 12 16 00-0001)



		Openings	08
		Doors and Frames	08 10
		Metal Frames	08 12

08

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head		1,796.85	
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head		1,796.85	
08 12 16 00-0005		4-3/4" x 1-3/8" Two Piece Aluminum Door Frames (08 12 16 00-0001)			
08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head		1,796.85	
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head		1,796.85	
08 13	Metal Doors (08 10)				
Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.					
08 13 13	Hollow Metal Doors (08 13)				
08 13 13 13	Standard Hollow Metal Doors (08 13 13)				
Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.					
08 13 13 13-0001		20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13)			
08 13 13 13-0002		6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)			
08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door		561.08	
		For Galvanized Steel Door, Add		91.78	
		For Type 304 Stainless Steel Door, Add		367.10	
		For Type 316 Stainless Steel Door, Add		596.54	
		For Embossed Panel Door, Add		110.13	
		For Baked Enamel Finish, Add		152.99	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-30.61	
		For >100, Deduct		-44.64	
		For Polystyrene Core, Add		45.89	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		114.72	
		For Continuously Welded And Filled Vertical Edge Seam, Add		57.36	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door		561.08	
		For Galvanized Steel Door, Add		91.78	
		For Type 304 Stainless Steel Door, Add		367.10	
		For Type 316 Stainless Steel Door, Add		596.54	
		For Embossed Panel Door, Add		110.13	
		For Baked Enamel Finish, Add		152.99	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-30.61	
		For >100, Deduct		-44.64	
		For Polystyrene Core, Add		45.89	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		114.72	
		For Continuously Welded And Filled Vertical Edge Seam, Add		57.36	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door		575.10	
		For Galvanized Steel Door, Add		93.65	
		For Type 304 Stainless Steel Door, Add		374.61	
		For Type 316 Stainless Steel Door, Add		608.74	
		For Embossed Panel Door, Add		112.38	
		For Baked Enamel Finish, Add		156.50	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-31.43	
		For >100, Deduct		-45.80	
		For Polystyrene Core, Add		46.83	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		117.07	
		For Continuously Welded And Filled Vertical Edge Seam, Add		58.53	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 13 13 13-0006	EA 2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	582.09		53.42
	For Galvanized Steel Door, Add	95.05		
	For Type 304 Stainless Steel Door, Add	380.20		
	For Type 316 Stainless Steel Door, Add	617.83		
	For Embossed Panel Door, Add	114.06		
	For Baked Enamel Finish, Add	158.60		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-31.78		
	For >100, Deduct	-46.33		
	For Polystyrene Core, Add	47.53		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	118.81		
	For Continuously Welded And Filled Vertical Edge Seam, Add	59.41		
08 13 13 13-0007	EA 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	587.21		54.58
	For Galvanized Steel Door, Add	95.61		
	For Type 304 Stainless Steel Door, Add	382.44		
	For Type 316 Stainless Steel Door, Add	621.47		
	For Embossed Panel Door, Add	114.73		
	For Baked Enamel Finish, Add	159.79		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-32.09		
	For >100, Deduct	-46.77		
	For Polystyrene Core, Add	47.81		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	119.51		
	For Continuously Welded And Filled Vertical Edge Seam, Add	59.76		
08 13 13 13-0008	EA 3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	592.32		55.74
	For Galvanized Steel Door, Add	96.17		
	For Type 304 Stainless Steel Door, Add	384.67		
	For Type 316 Stainless Steel Door, Add	625.09		
	For Embossed Panel Door, Add	115.40		
	For Baked Enamel Finish, Add	160.97		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-32.40		
	For >100, Deduct	-47.21		
	For Polystyrene Core, Add	48.08		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	120.21		
	For Continuously Welded And Filled Vertical Edge Seam, Add	60.11		
08 13 13 13-0009	EA 3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	628.67		55.74
	For Galvanized Steel Door, Add	103.44		
	For Type 304 Stainless Steel Door, Add	413.75		
	For Type 316 Stainless Steel Door, Add	672.35		
	For Embossed Panel Door, Add	124.13		
	For Baked Enamel Finish, Add	171.88		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-34.22		
	For >100, Deduct	-49.94		
	For Polystyrene Core, Add	51.72		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.30		
	For Continuously Welded And Filled Vertical Edge Seam, Add	64.65		
08 13 13 13-0010	EA 3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	647.29		58.06
	For Galvanized Steel Door, Add	106.23		
	For Type 304 Stainless Steel Door, Add	424.93		
	For Type 316 Stainless Steel Door, Add	690.51		
	For Embossed Panel Door, Add	127.48		
	For Baked Enamel Finish, Add	176.77		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-35.27		
	For >100, Deduct	-51.45		
	For Polystyrene Core, Add	53.12		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.79		
	For Continuously Welded And Filled Vertical Edge Seam, Add	66.40		



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0011	EA		4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	712.50	62.71
			For Galvanized Steel Door, Add	117.42	
			For Type 304 Stainless Steel Door, Add	469.66	
			For Type 316 Stainless Steel Door, Add	763.20	
			For Embossed Panel Door, Add	140.90	
			For Baked Enamel Finish, Add	194.94	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.76	
			For >100, Deduct	-56.57	
			For Polystyrene Core, Add	58.71	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	146.77	
			For Continuously Welded And Filled Vertical Edge Seam, Add	73.39	
08 13 13 13-0012			7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		
08 13 13 13-0013	EA		2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	573.10	51.09
			For Galvanized Steel Door, Add	94.18	
			For Type 304 Stainless Steel Door, Add	376.72	
			For Type 316 Stainless Steel Door, Add	612.17	
			For Embossed Panel Door, Add	113.02	
			For Baked Enamel Finish, Add	156.60	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-31.21	
			For >100, Deduct	-45.54	
			For Polystyrene Core, Add	47.09	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	117.73	
			For Continuously Welded And Filled Vertical Edge Seam, Add	58.86	
08 13 13 13-0014	EA		2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	573.10	51.09
			For Galvanized Steel Door, Add	94.18	
			For Type 304 Stainless Steel Door, Add	376.72	
			For Type 316 Stainless Steel Door, Add	612.17	
			For Embossed Panel Door, Add	113.02	
			For Baked Enamel Finish, Add	156.60	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-31.21	
			For >100, Deduct	-45.54	
			For Polystyrene Core, Add	47.09	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	117.73	
			For Continuously Welded And Filled Vertical Edge Seam, Add	58.86	
08 13 13 13-0015	EA		2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	587.37	53.42
			For Galvanized Steel Door, Add	96.11	
			For Type 304 Stainless Steel Door, Add	384.42	
			For Type 316 Stainless Steel Door, Add	624.69	
			For Embossed Panel Door, Add	115.33	
			For Baked Enamel Finish, Add	160.19	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.04	
			For >100, Deduct	-46.72	
			For Polystyrene Core, Add	48.05	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	120.13	
			For Continuously Welded And Filled Vertical Edge Seam, Add	60.07	
08 13 13 13-0016	EA		2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	594.54	53.42
			For Galvanized Steel Door, Add	97.54	
			For Type 304 Stainless Steel Door, Add	390.16	
			For Type 316 Stainless Steel Door, Add	634.01	
			For Embossed Panel Door, Add	117.05	
			For Baked Enamel Finish, Add	162.34	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.40	
			For >100, Deduct	-47.26	
			For Polystyrene Core, Add	48.77	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	121.93	
			For Continuously Welded And Filled Vertical Edge Seam, Add	60.96	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0017	EA 2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	599.73	54.58
	For Galvanized Steel Door, Add	98.11	
	For Type 304 Stainless Steel Door, Add	392.46	
	For Type 316 Stainless Steel Door, Add	637.74	
	For Embossed Panel Door, Add	117.74	
	For Baked Enamel Finish, Add	163.55	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-32.72	
	For >100, Deduct	-47.71	
	For Polystyrene Core, Add	49.06	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	122.64	
	For Continuously Welded And Filled Vertical Edge Seam, Add	61.32	
08 13 13 13-0018	EA 3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	604.92	55.74
	For Galvanized Steel Door, Add	98.69	
	For Type 304 Stainless Steel Door, Add	394.75	
	For Type 316 Stainless Steel Door, Add	641.47	
	For Embossed Panel Door, Add	118.43	
	For Baked Enamel Finish, Add	164.75	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-33.03	
	For >100, Deduct	-48.16	
	For Polystyrene Core, Add	49.34	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	123.36	
	For Continuously Welded And Filled Vertical Edge Seam, Add	61.68	
08 13 13 13-0019	EA 3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	642.22	55.74
	For Galvanized Steel Door, Add	106.15	
	For Type 304 Stainless Steel Door, Add	424.59	
	For Type 316 Stainless Steel Door, Add	689.96	
	For Embossed Panel Door, Add	127.38	
	For Baked Enamel Finish, Add	175.94	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.90	
	For >100, Deduct	-50.95	
	For Polystyrene Core, Add	53.07	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.69	
	For Continuously Welded And Filled Vertical Edge Seam, Add	66.34	
08 13 13 13-0020	EA 3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	661.21	58.06
	For Galvanized Steel Door, Add	109.02	
	For Type 304 Stainless Steel Door, Add	436.06	
	For Type 316 Stainless Steel Door, Add	708.60	
	For Embossed Panel Door, Add	130.82	
	For Baked Enamel Finish, Add	180.94	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-35.96	
	For >100, Deduct	-52.49	
	For Polystyrene Core, Add	54.51	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	136.27	
	For Continuously Welded And Filled Vertical Edge Seam, Add	68.14	
08 13 13 13-0021	EA 4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	727.88	62.71
	For Galvanized Steel Door, Add	120.49	
	For Type 304 Stainless Steel Door, Add	481.97	
	For Type 316 Stainless Steel Door, Add	783.20	
	For Embossed Panel Door, Add	144.59	
	For Baked Enamel Finish, Add	199.55	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-39.53	
	For >100, Deduct	-57.73	
	For Polystyrene Core, Add	60.25	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	150.62	
	For Continuously Welded And Filled Vertical Edge Seam, Add	75.31	

08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	584.78	51.09
		For Galvanized Steel Door, Add	96.52	
		For Type 304 Stainless Steel Door, Add	386.06	
		For Type 316 Stainless Steel Door, Add	627.35	
		For Embossed Panel Door, Add	115.82	
		For Baked Enamel Finish, Add	160.10	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-31.79	
		For >100, Deduct	-46.41	
		For Polystyrene Core, Add	48.26	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	120.65	
		For Continuously Welded And Filled Vertical Edge Seam, Add	60.32	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	584.78	51.09
		For Galvanized Steel Door, Add	96.52	
		For Type 304 Stainless Steel Door, Add	386.06	
		For Type 316 Stainless Steel Door, Add	627.35	
		For Embossed Panel Door, Add	115.82	
		For Baked Enamel Finish, Add	160.10	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-31.79	
		For >100, Deduct	-46.41	
		For Polystyrene Core, Add	48.26	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	120.65	
		For Continuously Welded And Filled Vertical Edge Seam, Add	60.32	
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	599.29	53.42
		For Galvanized Steel Door, Add	98.49	
		For Type 304 Stainless Steel Door, Add	393.96	
		For Type 316 Stainless Steel Door, Add	640.19	
		For Embossed Panel Door, Add	118.19	
		For Baked Enamel Finish, Add	163.76	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-32.64	
		For >100, Deduct	-47.62	
		For Polystyrene Core, Add	49.25	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	123.11	
		For Continuously Welded And Filled Vertical Edge Seam, Add	61.56	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	606.64	53.42
		For Galvanized Steel Door, Add	99.96	
		For Type 304 Stainless Steel Door, Add	399.84	
		For Type 316 Stainless Steel Door, Add	649.74	
		For Embossed Panel Door, Add	119.95	
		For Baked Enamel Finish, Add	165.97	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.00	
		For >100, Deduct	-48.17	
		For Polystyrene Core, Add	49.98	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	124.95	
		For Continuously Welded And Filled Vertical Edge Seam, Add	62.48	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	611.89	54.58
		For Galvanized Steel Door, Add	100.55	
		For Type 304 Stainless Steel Door, Add	402.18	
		For Type 316 Stainless Steel Door, Add	653.55	
		For Embossed Panel Door, Add	120.66	
		For Baked Enamel Finish, Add	167.19	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.32	
		For >100, Deduct	-48.62	
		For Polystyrene Core, Add	50.27	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	125.68	
		For Continuously Welded And Filled Vertical Edge Seam, Add	62.84	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0028	EA		3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....617.16	55.74	
			For Galvanized Steel Door, Add	101.14	
			For Type 304 Stainless Steel Door, Add	404.54	
			For Type 316 Stainless Steel Door, Add	657.38	
			For Embossed Panel Door, Add	121.36	
			For Baked Enamel Finish, Add	168.43	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-33.65	
			For >100, Deduct	-49.07	
			For Polystyrene Core, Add	50.57	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.42	
			For Continuously Welded And Filled Vertical Edge Seam, Add	63.21	
08 13 13 13-0029	EA		3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....655.38	55.74	
			For Galvanized Steel Door, Add	108.78	
			For Type 304 Stainless Steel Door, Add	435.12	
			For Type 316 Stainless Steel Door, Add	707.07	
			For Embossed Panel Door, Add	130.54	
			For Baked Enamel Finish, Add	179.89	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-35.56	
			For >100, Deduct	-51.94	
			For Polystyrene Core, Add	54.39	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	135.98	
			For Continuously Welded And Filled Vertical Edge Seam, Add	67.99	
08 13 13 13-0030	EA		3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....674.73	58.06	
			For Galvanized Steel Door, Add	111.72	
			For Type 304 Stainless Steel Door, Add	446.88	
			For Type 316 Stainless Steel Door, Add	726.18	
			For Embossed Panel Door, Add	134.06	
			For Baked Enamel Finish, Add	185.00	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.64	
			For >100, Deduct	-53.51	
			For Polystyrene Core, Add	55.86	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	139.65	
			For Continuously Welded And Filled Vertical Edge Seam, Add	69.83	
08 13 13 13-0031	EA		4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....742.82	62.71	
			For Galvanized Steel Door, Add	123.48	
			For Type 304 Stainless Steel Door, Add	493.92	
			For Type 316 Stainless Steel Door, Add	802.62	
			For Embossed Panel Door, Add	148.18	
			For Baked Enamel Finish, Add	204.03	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-40.28	
			For >100, Deduct	-58.85	
			For Polystyrene Core, Add	61.74	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	154.35	
			For Continuously Welded And Filled Vertical Edge Seam, Add	77.18	
08 13 13 13-0032			18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13		
08 13 13 13-0033			6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0034	EA		2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	598.20	51.09
			For Galvanized Steel Door, Add	99.20	
			For Type 304 Stainless Steel Door, Add	396.80	
			For Type 316 Stainless Steel Door, Add	644.80	
			For Embossed Panel Door, Add	119.04	
			For Baked Enamel Finish, Add	164.13	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.47	
			For >100, Deduct	-47.42	
			For 2" Thick Door, Add	38.52	
			For Polystyrene Core, Add	49.60	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	124.00	
			For Continuously Welded And Filled Vertical Edge Seam, Add	62.00	
			For Steel Stiffened, Add	124.00	
08 13 13 13-0035	EA		2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	598.20	51.09
			For Galvanized Steel Door, Add	99.20	
			For Type 304 Stainless Steel Door, Add	396.80	
			For Type 316 Stainless Steel Door, Add	644.80	
			For Embossed Panel Door, Add	119.04	
			For Baked Enamel Finish, Add	164.13	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-32.47	
			For >100, Deduct	-47.42	
			For 2" Thick Door, Add	38.52	
			For Polystyrene Core, Add	49.60	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	124.00	
			For Continuously Welded And Filled Vertical Edge Seam, Add	62.00	
			For Steel Stiffened, Add	124.00	
08 13 13 13-0036	EA		2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	612.99	53.42
			For Galvanized Steel Door, Add	101.23	
			For Type 304 Stainless Steel Door, Add	404.92	
			For Type 316 Stainless Steel Door, Add	658.00	
			For Embossed Panel Door, Add	121.48	
			For Baked Enamel Finish, Add	167.87	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-33.32	
			For >100, Deduct	-48.65	
			For 2" Thick Door, Add	39.37	
			For Polystyrene Core, Add	50.62	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.54	
			For Continuously Welded And Filled Vertical Edge Seam, Add	63.27	
			For Steel Stiffened, Add	126.54	
08 13 13 13-0037	EA		2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	620.54	53.42
			For Galvanized Steel Door, Add	102.74	
			For Type 304 Stainless Steel Door, Add	410.96	
			For Type 316 Stainless Steel Door, Add	667.81	
			For Embossed Panel Door, Add	123.29	
			For Baked Enamel Finish, Add	170.14	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-33.70	
			For >100, Deduct	-49.21	
			For 2" Thick Door, Add	39.91	
			For Polystyrene Core, Add	51.37	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	128.43	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.21	
			For Steel Stiffened, Add	128.43	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0038	EA		2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	625.87	54.58
			For Galvanized Steel Door, Add	103.34	
			For Type 304 Stainless Steel Door, Add	413.37	
			For Type 316 Stainless Steel Door, Add	671.72	
			For Embossed Panel Door, Add	124.01	
			For Baked Enamel Finish, Add	171.39	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-34.02	
			For >100, Deduct	-49.67	
			For 2" Thick Door, Add	40.19	
			For Polystyrene Core, Add	51.67	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.18	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.59	
			For Steel Stiffened, Add	129.18	
08 13 13 13-0039	EA		3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	631.22	55.74
			For Galvanized Steel Door, Add	103.95	
			For Type 304 Stainless Steel Door, Add	415.79	
			For Type 316 Stainless Steel Door, Add	675.66	
			For Embossed Panel Door, Add	124.74	
			For Baked Enamel Finish, Add	172.64	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-34.35	
			For >100, Deduct	-50.13	
			For 2" Thick Door, Add	40.47	
			For Polystyrene Core, Add	51.97	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.94	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.97	
			For Steel Stiffened, Add	129.94	
08 13 13 13-0040	EA		3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	670.51	55.74
			For Galvanized Steel Door, Add	111.81	
			For Type 304 Stainless Steel Door, Add	447.22	
			For Type 316 Stainless Steel Door, Add	726.74	
			For Embossed Panel Door, Add	134.17	
			For Baked Enamel Finish, Add	184.43	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.31	
			For >100, Deduct	-53.08	
			For 2" Thick Door, Add	43.32	
			For Polystyrene Core, Add	55.90	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	139.76	
			For Continuously Welded And Filled Vertical Edge Seam, Add	69.88	
			For Steel Stiffened, Add	139.76	
08 13 13 13-0041	EA		3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	690.27	58.06
			For Galvanized Steel Door, Add	114.83	
			For Type 304 Stainless Steel Door, Add	459.31	
			For Type 316 Stainless Steel Door, Add	746.38	
			For Embossed Panel Door, Add	137.79	
			For Baked Enamel Finish, Add	189.66	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-37.42	
			For >100, Deduct	-54.67	
			For 2" Thick Door, Add	44.53	
			For Polystyrene Core, Add	57.41	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	143.54	
			For Continuously Welded And Filled Vertical Edge Seam, Add	71.77	
			For Steel Stiffened, Add	143.54	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	759.99	62.71
		For Galvanized Steel Door, Add	126.91	
		For Type 304 Stainless Steel Door, Add	507.66	
		For Type 316 Stainless Steel Door, Add	824.94	
		For Embossed Panel Door, Add	152.30	
		For Baked Enamel Finish, Add	209.18	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-41.14	
		For >100, Deduct	-60.13	
		For 2" Thick Door, Add	49.14	
		For Polystyrene Core, Add	63.46	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	158.64	
		For Continuously Welded And Filled Vertical Edge Seam, Add	79.32	
		For Steel Stiffened, Add	158.64	
08 13 13 13-0043		7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		
08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	609.97	51.09
		For Galvanized Steel Door, Add	101.55	
		For Type 304 Stainless Steel Door, Add	406.22	
		For Type 316 Stainless Steel Door, Add	660.10	
		For Embossed Panel Door, Add	121.86	
		For Baked Enamel Finish, Add	167.66	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.05	
		For >100, Deduct	-48.30	
		For 2" Thick Door, Add	39.37	
		For Polystyrene Core, Add	50.78	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.94	
		For Continuously Welded And Filled Vertical Edge Seam, Add	63.47	
		For Steel Stiffened, Add	126.94	
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	609.97	51.09
		For Galvanized Steel Door, Add	101.55	
		For Type 304 Stainless Steel Door, Add	406.22	
		For Type 316 Stainless Steel Door, Add	660.10	
		For Embossed Panel Door, Add	121.86	
		For Baked Enamel Finish, Add	167.66	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.05	
		For >100, Deduct	-48.30	
		For 2" Thick Door, Add	39.37	
		For Polystyrene Core, Add	50.78	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.94	
		For Continuously Welded And Filled Vertical Edge Seam, Add	63.47	
		For Steel Stiffened, Add	126.94	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	625.00	53.42
		For Galvanized Steel Door, Add	103.63	
		For Type 304 Stainless Steel Door, Add	414.53	
		For Type 316 Stainless Steel Door, Add	673.61	
		For Embossed Panel Door, Add	124.36	
		For Baked Enamel Finish, Add	171.47	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-33.92	
		For >100, Deduct	-49.55	
		For 2" Thick Door, Add	40.24	
		For Polystyrene Core, Add	51.82	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.54	
		For Continuously Welded And Filled Vertical Edge Seam, Add	64.77	
		For Steel Stiffened, Add	129.54	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0047	EA 2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	632.73	53.42
	For Galvanized Steel Door, Add	105.18	
	For Type 304 Stainless Steel Door, Add	420.71	
	For Type 316 Stainless Steel Door, Add	683.66	
	For Embossed Panel Door, Add	126.21	
	For Baked Enamel Finish, Add	173.79	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.31	
	For >100, Deduct	-50.13	
	For 2" Thick Door, Add	40.80	
	For Polystyrene Core, Add	52.59	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	131.47	
	For Continuously Welded And Filled Vertical Edge Seam, Add	65.74	
	For Steel Stiffened, Add	131.47	
08 13 13 13-0048	EA 2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	638.14	54.58
	For Galvanized Steel Door, Add	105.80	
	For Type 304 Stainless Steel Door, Add	423.18	
	For Type 316 Stainless Steel Door, Add	687.67	
	For Embossed Panel Door, Add	126.96	
	For Baked Enamel Finish, Add	175.07	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.64	
	For >100, Deduct	-50.59	
	For 2" Thick Door, Add	41.08	
	For Polystyrene Core, Add	52.90	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.25	
	For Continuously Welded And Filled Vertical Edge Seam, Add	66.12	
	For Steel Stiffened, Add	132.25	
08 13 13 13-0049	EA 3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	643.56	55.74
	For Galvanized Steel Door, Add	106.42	
	For Type 304 Stainless Steel Door, Add	425.66	
	For Type 316 Stainless Steel Door, Add	691.70	
	For Embossed Panel Door, Add	127.70	
	For Baked Enamel Finish, Add	176.35	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.97	
	For >100, Deduct	-51.05	
	For 2" Thick Door, Add	41.36	
	For Polystyrene Core, Add	53.21	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	133.02	
	For Continuously Welded And Filled Vertical Edge Seam, Add	66.51	
	For Steel Stiffened, Add	133.02	
08 13 13 13-0050	EA 3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	683.77	55.74
	For Galvanized Steel Door, Add	114.46	
	For Type 304 Stainless Steel Door, Add	457.83	
	For Type 316 Stainless Steel Door, Add	743.98	
	For Embossed Panel Door, Add	137.35	
	For Baked Enamel Finish, Add	188.41	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-36.98	
	For >100, Deduct	-54.07	
	For 2" Thick Door, Add	44.28	
	For Polystyrene Core, Add	57.23	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	143.07	
	For Continuously Welded And Filled Vertical Edge Seam, Add	71.54	
	For Steel Stiffened, Add	143.07	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0051	EA		3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	703.89	58.06
			For Galvanized Steel Door, Add	117.55	
			For Type 304 Stainless Steel Door, Add	470.21	
			For Type 316 Stainless Steel Door, Add	764.09	
			For Embossed Panel Door, Add	141.06	
			For Baked Enamel Finish, Add	193.75	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.10	
			For >100, Deduct	-55.70	
			For 2" Thick Door, Add	45.52	
			For Polystyrene Core, Add	58.78	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	146.94	
			For Continuously Welded And Filled Vertical Edge Seam, Add	73.47	
			For Steel Stiffened, Add	146.94	
08 13 13 13-0052	EA		4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	775.05	62.71
			For Galvanized Steel Door, Add	129.93	
			For Type 304 Stainless Steel Door, Add	519.70	
			For Type 316 Stainless Steel Door, Add	844.52	
			For Embossed Panel Door, Add	155.91	
			For Baked Enamel Finish, Add	213.70	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-41.89	
			For >100, Deduct	-61.26	
			For 2" Thick Door, Add	50.23	
			For Polystyrene Core, Add	64.96	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	162.41	
			For Continuously Welded And Filled Vertical Edge Seam, Add	81.20	
			For Steel Stiffened, Add	162.41	
08 13 13 13-0053			7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		
08 13 13 13-0054	EA		2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	621.75	51.09
			For Galvanized Steel Door, Add	103.91	
			For Type 304 Stainless Steel Door, Add	415.64	
			For Type 316 Stainless Steel Door, Add	675.42	
			For Embossed Panel Door, Add	124.69	
			For Baked Enamel Finish, Add	171.20	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-33.64	
			For >100, Deduct	-49.19	
			For 2" Thick Door, Add	40.22	
			For Polystyrene Core, Add	51.96	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.94	
			For Steel Stiffened, Add	129.89	
08 13 13 13-0055	EA		2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	621.75	51.09
			For Galvanized Steel Door, Add	103.91	
			For Type 304 Stainless Steel Door, Add	415.64	
			For Type 316 Stainless Steel Door, Add	675.42	
			For Embossed Panel Door, Add	124.69	
			For Baked Enamel Finish, Add	171.20	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-33.64	
			For >100, Deduct	-49.19	
			For 2" Thick Door, Add	40.22	
			For Polystyrene Core, Add	51.96	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	129.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	64.94	
			For Steel Stiffened, Add	129.89	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0056	EA 2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	637.01	53.42
	For Galvanized Steel Door, Add	106.03	
	For Type 304 Stainless Steel Door, Add	424.14	
	For Type 316 Stainless Steel Door, Add	689.22	
	For Embossed Panel Door, Add	127.24	
	For Baked Enamel Finish, Add	175.08	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.52	
	For >100, Deduct	-50.45	
	For 2" Thick Door, Add	41.11	
	For Polystyrene Core, Add	53.02	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.54	
	For Continuously Welded And Filled Vertical Edge Seam, Add	66.27	
	For Steel Stiffened, Add	132.54	
08 13 13 13-0057	EA 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	644.92	53.42
	For Galvanized Steel Door, Add	107.62	
	For Type 304 Stainless Steel Door, Add	430.46	
	For Type 316 Stainless Steel Door, Add	699.50	
	For Embossed Panel Door, Add	129.14	
	For Baked Enamel Finish, Add	177.45	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.92	
	For >100, Deduct	-51.04	
	For 2" Thick Door, Add	41.68	
	For Polystyrene Core, Add	53.81	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.52	
	For Continuously Welded And Filled Vertical Edge Seam, Add	67.26	
	For Steel Stiffened, Add	134.52	
08 13 13 13-0058	EA 3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	655.89	55.74
	For Galvanized Steel Door, Add	108.88	
	For Type 304 Stainless Steel Door, Add	435.53	
	For Type 316 Stainless Steel Door, Add	707.73	
	For Embossed Panel Door, Add	130.66	
	For Baked Enamel Finish, Add	180.05	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-35.58	
	For >100, Deduct	-51.98	
	For 2" Thick Door, Add	42.26	
	For Polystyrene Core, Add	54.44	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	136.10	
	For Continuously Welded And Filled Vertical Edge Seam, Add	68.05	
	For Steel Stiffened, Add	136.10	
08 13 13 13-0059	EA 3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	697.04	55.74
	For Galvanized Steel Door, Add	117.11	
	For Type 304 Stainless Steel Door, Add	468.45	
	For Type 316 Stainless Steel Door, Add	761.23	
	For Embossed Panel Door, Add	140.53	
	For Baked Enamel Finish, Add	192.39	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-37.64	
	For >100, Deduct	-55.07	
	For 2" Thick Door, Add	45.24	
	For Polystyrene Core, Add	58.56	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	146.39	
	For Continuously Welded And Filled Vertical Edge Seam, Add	73.20	
	For Steel Stiffened, Add	146.39	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA		3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	717.52	58.06
			For Galvanized Steel Door, Add	120.28	
			For Type 304 Stainless Steel Door, Add	481.11	
			For Type 316 Stainless Steel Door, Add	781.81	
			For Embossed Panel Door, Add	144.33	
			For Baked Enamel Finish, Add	197.84	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.78	
			For >100, Deduct	-56.72	
			For 2" Thick Door, Add	46.50	
			For Polystyrene Core, Add	60.14	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	150.35	
			For Continuously Welded And Filled Vertical Edge Seam, Add	75.17	
			For Steel Stiffened, Add	150.35	
08 13 13 13-0061	EA		4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	790.11	62.71
			For Galvanized Steel Door, Add	132.94	
			For Type 304 Stainless Steel Door, Add	531.75	
			For Type 316 Stainless Steel Door, Add	864.10	
			For Embossed Panel Door, Add	159.53	
			For Baked Enamel Finish, Add	218.22	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-42.64	
			For >100, Deduct	-62.39	
			For 2" Thick Door, Add	51.33	
			For Polystyrene Core, Add	66.47	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	166.17	
			For Continuously Welded And Filled Vertical Edge Seam, Add	83.09	
			For Steel Stiffened, Add	166.17	
08 13 13 13-0062			8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		
08 13 13 13-0063	EA		2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	718.84	51.09
			For Up To 1' Extra Height, Add	170.62	
			For 1' To 1'-6" Extra Height, Add	325.52	
			For Galvanized Steel Door, Add	123.33	
			For Type 304 Stainless Steel Door, Add	493.31	
			For Type 316 Stainless Steel Door, Add	801.63	
			For Embossed Panel Door, Add	147.99	
			For Baked Enamel Finish, Add	200.32	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.50	
			For >100, Deduct	-56.47	
			For 2" Thick Door, Add	47.26	
			For Polystyrene Core, Add	61.66	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	154.16	
			For Continuously Welded And Filled Vertical Edge Seam, Add	77.08	
			For Steel Stiffened, Add	154.16	
08 13 13 13-0064	EA		2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	718.84	51.09
			For Up To 1' Extra Height, Add	170.62	
			For 1' To 1'-6" Extra Height, Add	325.52	
			For Galvanized Steel Door, Add	123.33	
			For Type 304 Stainless Steel Door, Add	493.31	
			For Type 316 Stainless Steel Door, Add	801.63	
			For Embossed Panel Door, Add	147.99	
			For Baked Enamel Finish, Add	200.32	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.50	
			For >100, Deduct	-56.47	
			For 2" Thick Door, Add	47.26	
			For Polystyrene Core, Add	61.66	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	154.16	
			For Continuously Welded And Filled Vertical Edge Seam, Add	77.08	
			For Steel Stiffened, Add	154.16	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 13 13 13-0065	EA 2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	736.10		53.42
	For Up To 1' Extra Height, Add	174.12		
	For 1' To 1'-6" Extra Height, Add	332.19		
	For Galvanized Steel Door, Add	125.85		
	For Type 304 Stainless Steel Door, Add	503.41		
	For Type 316 Stainless Steel Door, Add	818.04		
	For Embossed Panel Door, Add	151.02		
	For Baked Enamel Finish, Add	204.80		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-39.48		
	For >100, Deduct	-57.88		
	For 2" Thick Door, Add	48.29		
	For Polystyrene Core, Add	62.93		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	157.32		
	For Continuously Welded And Filled Vertical Edge Seam, Add	78.66		
	For Steel Stiffened, Add	157.32		
08 13 13 13-0066	EA 2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	745.49		53.42
	For Up To 1' Extra Height, Add	176.71		
	For 1' To 1'-6" Extra Height, Add	337.14		
	For Galvanized Steel Door, Add	127.73		
	For Type 304 Stainless Steel Door, Add	510.92		
	For Type 316 Stainless Steel Door, Add	830.25		
	For Embossed Panel Door, Add	153.28		
	For Baked Enamel Finish, Add	207.62		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-39.95		
	For >100, Deduct	-58.58		
	For 2" Thick Door, Add	48.97		
	For Polystyrene Core, Add	63.87		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	159.66		
	For Continuously Welded And Filled Vertical Edge Seam, Add	79.83		
	For Steel Stiffened, Add	159.66		
08 13 13 13-0067	EA 2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	751.56		54.58
	For Up To 1' Extra Height, Add	177.75		
	For 1' To 1'-6" Extra Height, Add	339.12		
	For Galvanized Steel Door, Add	128.48		
	For Type 304 Stainless Steel Door, Add	513.92		
	For Type 316 Stainless Steel Door, Add	835.12		
	For Embossed Panel Door, Add	154.18		
	For Baked Enamel Finish, Add	209.09		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-40.31		
	For >100, Deduct	-59.10		
	For 2" Thick Door, Add	49.30		
	For Polystyrene Core, Add	64.24		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	160.60		
	For Continuously Welded And Filled Vertical Edge Seam, Add	80.30		
	For Steel Stiffened, Add	160.60		
08 13 13 13-0068	EA 3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	757.64		55.74
	For Up To 1' Extra Height, Add	178.79		
	For 1' To 1'-6" Extra Height, Add	341.11		
	For Galvanized Steel Door, Add	129.23		
	For Type 304 Stainless Steel Door, Add	516.93		
	For Type 316 Stainless Steel Door, Add	840.01		
	For Embossed Panel Door, Add	155.08		
	For Baked Enamel Finish, Add	210.57		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-40.67		
	For >100, Deduct	-59.61		
	For 2" Thick Door, Add	49.63		
	For Polystyrene Core, Add	64.62		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	161.54		
	For Continuously Welded And Filled Vertical Edge Seam, Add	80.77		
	For Steel Stiffened, Add	161.54		



		Openings	08	08
		Doors and Frames	08 10	
		Metal Doors	08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 13 13 13-0069	EA 3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	806.48		55.74
	For Up To 1' Extra Height, Add	192.31		
	For 1' To 1'-6" Extra Height, Add	366.89		
	For Galvanized Steel Door, Add	139.00		
	For Type 304 Stainless Steel Door, Add	556.00		
	For Type 316 Stainless Steel Door, Add	903.50		
	For Embossed Panel Door, Add	166.80		
	For Baked Enamel Finish, Add	225.22		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-43.11		
	For >100, Deduct	-63.27		
	For 2" Thick Door, Add	53.17		
	For Polystyrene Core, Add	69.50		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	173.75		
	For Continuously Welded And Filled Vertical Edge Seam, Add	86.88		
	For Steel Stiffened, Add	173.75		
08 13 13 13-0070	EA 3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	829.91		58.06
	For Up To 1' Extra Height, Add	197.50		
	For 1' To 1'-6" Extra Height, Add	376.80		
	For Galvanized Steel Door, Add	142.76		
	For Type 304 Stainless Steel Door, Add	571.02		
	For Type 316 Stainless Steel Door, Add	927.91		
	For Embossed Panel Door, Add	171.31		
	For Baked Enamel Finish, Add	231.55		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-44.40		
	For >100, Deduct	-65.15		
	For 2" Thick Door, Add	54.65		
	For Polystyrene Core, Add	71.38		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	178.45		
	For Continuously Welded And Filled Vertical Edge Seam, Add	89.22		
	For Steel Stiffened, Add	178.45		
08 13 13 13-0071	EA 4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	914.34		62.71
	For Up To 1' Extra Height, Add	218.29		
	For 1' To 1'-6" Extra Height, Add	416.47		
	For Galvanized Steel Door, Add	157.78		
	For Type 304 Stainless Steel Door, Add	631.14		
	For Type 316 Stainless Steel Door, Add	1,025.60		
	For Embossed Panel Door, Add	189.34		
	For Baked Enamel Finish, Add	255.49		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-48.85		
	For >100, Deduct	-71.71		
	For 2" Thick Door, Add	60.33		
	For Polystyrene Core, Add	78.89		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	197.23		
	For Continuously Welded And Filled Vertical Edge Seam, Add	98.62		
	For Steel Stiffened, Add	197.23		
08 13 13 13-0072	16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal			
	Doors (08 13 13 13)			
08 13 13 13-0073	6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow			
	Metal Doors (08 13 13 13-0072)			
08 13 13 13-0074	EA 2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	789.16		51.09
	For 14 Gauge, Level 4 Maximum Duty, Add	274.78		
	For Galvanized Steel Door, Add	137.39		
	For Type 304 Stainless Steel Door, Add	549.57		
	For Type 316 Stainless Steel Door, Add	893.05		
	For Embossed Panel Door, Add	164.87		
	For Baked Enamel Finish, Add	221.42		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-42.01		
	For >100, Deduct	-61.74		
	For 2" Thick Door, Add	52.36		
	For Polystyrene Core, Add	68.70		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	171.74		
	For Continuously Welded And Filled Vertical Edge Seam, Add	85.87		
	For Steel Stiffened, Add	171.74		

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA		2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	789.16	51.09
			For 14 Gauge, Level 4 Maximum Duty, Add	274.78	
			For Galvanized Steel Door, Add	137.39	
			For Type 304 Stainless Steel Door, Add	549.57	
			For Type 316 Stainless Steel Door, Add	893.05	
			For Embossed Panel Door, Add	164.87	
			For Baked Enamel Finish, Add	221.42	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-42.01	
			For >100, Deduct	-61.74	
			For 2" Thick Door, Add	52.36	
			For Polystyrene Core, Add	68.70	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	171.74	
			For Continuously Welded And Filled Vertical Edge Seam, Add	85.87	
			For Steel Stiffened, Add	171.74	
08 13 13 13-0076	EA		2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	807.85	53.42
			For 14 Gauge, Level 4 Maximum Duty, Add	280.40	
			For Galvanized Steel Door, Add	140.20	
			For Type 304 Stainless Steel Door, Add	560.81	
			For Type 316 Stainless Steel Door, Add	911.31	
			For Embossed Panel Door, Add	168.24	
			For Baked Enamel Finish, Add	226.33	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.06	
			For >100, Deduct	-63.26	
			For 2" Thick Door, Add	53.49	
			For Polystyrene Core, Add	70.10	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.25	
			For Continuously Welded And Filled Vertical Edge Seam, Add	87.63	
			For Steel Stiffened, Add	175.25	
08 13 13 13-0077	EA		2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	818.31	53.42
			For 14 Gauge, Level 4 Maximum Duty, Add	284.59	
			For Galvanized Steel Door, Add	142.29	
			For Type 304 Stainless Steel Door, Add	569.18	
			For Type 316 Stainless Steel Door, Add	924.91	
			For Embossed Panel Door, Add	170.75	
			For Baked Enamel Finish, Add	229.47	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.59	
			For >100, Deduct	-64.04	
			For 2" Thick Door, Add	54.25	
			For Polystyrene Core, Add	71.15	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	177.87	
			For Continuously Welded And Filled Vertical Edge Seam, Add	88.93	
			For Steel Stiffened, Add	177.87	
08 13 13 13-0078	EA		2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	824.83	54.58
			For 14 Gauge, Level 4 Maximum Duty, Add	286.27	
			For Galvanized Steel Door, Add	143.13	
			For Type 304 Stainless Steel Door, Add	572.54	
			For Type 316 Stainless Steel Door, Add	930.37	
			For Embossed Panel Door, Add	171.76	
			For Baked Enamel Finish, Add	231.08	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.97	
			For >100, Deduct	-64.59	
			For 2" Thick Door, Add	54.62	
			For Polystyrene Core, Add	71.57	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	178.92	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.46	
			For Steel Stiffened, Add	178.92	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA		3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	831.33	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	287.94	
			For Galvanized Steel Door, Add	143.97	
			For Type 304 Stainless Steel Door, Add	575.88	
			For Type 316 Stainless Steel Door, Add	935.81	
			For Embossed Panel Door, Add	172.76	
			For Baked Enamel Finish, Add	232.68	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.35	
			For >100, Deduct	-65.14	
			For 2" Thick Door, Add	54.98	
			For Polystyrene Core, Add	71.99	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.96	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.98	
			For Steel Stiffened, Add	179.96	
08 13 13 13-0080	EA		3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	885.73	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	309.70	
			For Galvanized Steel Door, Add	154.85	
			For Type 304 Stainless Steel Door, Add	619.40	
			For Type 316 Stainless Steel Door, Add	1,006.53	
			For Embossed Panel Door, Add	185.82	
			For Baked Enamel Finish, Add	249.00	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.07	
			For >100, Deduct	-69.22	
			For 2" Thick Door, Add	58.92	
			For Polystyrene Core, Add	77.43	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	193.56	
			For Continuously Welded And Filled Vertical Edge Seam, Add	96.78	
			For Steel Stiffened, Add	193.56	
08 13 13 13-0081	EA		3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	911.31	58.06
			For 14 Gauge, Level 4 Maximum Duty, Add	318.07	
			For Galvanized Steel Door, Add	159.04	
			For Type 304 Stainless Steel Door, Add	636.14	
			For Type 316 Stainless Steel Door, Add	1,033.73	
			For Embossed Panel Door, Add	190.84	
			For Baked Enamel Finish, Add	255.97	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.47	
			For >100, Deduct	-71.25	
			For 2" Thick Door, Add	60.55	
			For Polystyrene Core, Add	79.52	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	198.80	
			For Continuously Welded And Filled Vertical Edge Seam, Add	99.40	
			For Steel Stiffened, Add	198.80	
08 13 13 13-0082	EA		4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,004.30	62.71
			For 14 Gauge, Level 4 Maximum Duty, Add	351.55	
			For Galvanized Steel Door, Add	175.78	
			For Type 304 Stainless Steel Door, Add	703.10	
			For Type 316 Stainless Steel Door, Add	1,142.54	
			For Embossed Panel Door, Add	210.93	
			For Baked Enamel Finish, Add	282.48	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-53.35	
			For >100, Deduct	-78.46	
			For 2" Thick Door, Add	66.85	
			For Polystyrene Core, Add	87.89	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	219.72	
			For Continuously Welded And Filled Vertical Edge Seam, Add	109.86	
			For Steel Stiffened, Add	219.72	
08 13 13 13-0083			7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)		

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084	EA	2' x 7' x 1-3/4"	16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	805.47	51.09
			For 14 Gauge, Level 4 Maximum Duty, Add	281.31	
			For Galvanized Steel Door, Add	140.65	
			For Type 304 Stainless Steel Door, Add	562.62	
			For Type 316 Stainless Steel Door, Add	914.25	
			For Embossed Panel Door, Add	168.78	
			For Baked Enamel Finish, Add	226.31	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-42.83	
			For >100, Deduct	-62.97	
			For 2" Thick Door, Add	53.54	
			For Polystyrene Core, Add	70.33	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.82	
			For Continuously Welded And Filled Vertical Edge Seam, Add	87.91	
			For Steel Stiffened, Add	175.82	
08 13 13 13-0085	EA	2'-4" x 7' x 1-3/4"	16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	805.47	51.09
			For 14 Gauge, Level 4 Maximum Duty, Add	281.31	
			For Galvanized Steel Door, Add	140.65	
			For Type 304 Stainless Steel Door, Add	562.62	
			For Type 316 Stainless Steel Door, Add	914.25	
			For Embossed Panel Door, Add	168.78	
			For Baked Enamel Finish, Add	226.31	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-42.83	
			For >100, Deduct	-62.97	
			For 2" Thick Door, Add	53.54	
			For Polystyrene Core, Add	70.33	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.82	
			For Continuously Welded And Filled Vertical Edge Seam, Add	87.91	
			For Steel Stiffened, Add	175.82	
08 13 13 13-0086	EA	2'-6" x 7' x 1-3/4"	16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	824.49	53.42
			For 14 Gauge, Level 4 Maximum Duty, Add	287.06	
			For Galvanized Steel Door, Add	143.53	
			For Type 304 Stainless Steel Door, Add	574.12	
			For Type 316 Stainless Steel Door, Add	932.95	
			For Embossed Panel Door, Add	172.24	
			For Baked Enamel Finish, Add	231.32	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.90	
			For >100, Deduct	-64.51	
			For 2" Thick Door, Add	54.70	
			For Polystyrene Core, Add	71.77	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.41	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.71	
			For Steel Stiffened, Add	179.41	
08 13 13 13-0087	EA	2'-8" x 7' x 1-3/4"	16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	835.20	53.42
			For 14 Gauge, Level 4 Maximum Duty, Add	291.34	
			For Galvanized Steel Door, Add	145.67	
			For Type 304 Stainless Steel Door, Add	582.69	
			For Type 316 Stainless Steel Door, Add	946.87	
			For Embossed Panel Door, Add	174.81	
			For Baked Enamel Finish, Add	234.53	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.43	
			For >100, Deduct	-65.31	
			For 2" Thick Door, Add	55.48	
			For Polystyrene Core, Add	72.84	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	182.09	
			For Continuously Welded And Filled Vertical Edge Seam, Add	91.05	
			For Steel Stiffened, Add	182.09	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA		2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	841.80	54.58
			For 14 Gauge, Level 4 Maximum Duty, Add	293.06	
			For Galvanized Steel Door, Add	146.53	
			For Type 304 Stainless Steel Door, Add	586.11	
			For Type 316 Stainless Steel Door, Add	952.43	
			For Embossed Panel Door, Add	175.83	
			For Baked Enamel Finish, Add	236.17	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.82	
			For >100, Deduct	-65.86	
			For 2" Thick Door, Add	55.85	
			For Polystyrene Core, Add	73.26	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	183.16	
			For Continuously Welded And Filled Vertical Edge Seam, Add	91.58	
			For Steel Stiffened, Add	183.16	
08 13 13 13-0089	EA		3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	848.41	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	294.77	
			For Galvanized Steel Door, Add	147.39	
			For Type 304 Stainless Steel Door, Add	589.54	
			For Type 316 Stainless Steel Door, Add	958.01	
			For Embossed Panel Door, Add	176.86	
			For Baked Enamel Finish, Add	237.80	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-45.21	
			For >100, Deduct	-66.42	
			For 2" Thick Door, Add	56.21	
			For Polystyrene Core, Add	73.69	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	184.23	
			For Continuously Welded And Filled Vertical Edge Seam, Add	92.12	
			For Steel Stiffened, Add	184.23	
08 13 13 13-0090	EA		3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	904.11	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	317.05	
			For Galvanized Steel Door, Add	158.53	
			For Type 304 Stainless Steel Door, Add	634.10	
			For Type 316 Stainless Steel Door, Add	1,030.42	
			For Embossed Panel Door, Add	190.23	
			For Baked Enamel Finish, Add	254.51	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.99	
			For >100, Deduct	-70.60	
			For 2" Thick Door, Add	60.25	
			For Polystyrene Core, Add	79.26	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	198.16	
			For Continuously Welded And Filled Vertical Edge Seam, Add	99.08	
			For Steel Stiffened, Add	198.16	
08 13 13 13-0091	EA		3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	930.18	58.06
			For 14 Gauge, Level 4 Maximum Duty, Add	325.62	
			For Galvanized Steel Door, Add	162.81	
			For Type 304 Stainless Steel Door, Add	651.24	
			For Type 316 Stainless Steel Door, Add	1,058.27	
			For Embossed Panel Door, Add	195.37	
			For Baked Enamel Finish, Add	261.63	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-49.41	
			For >100, Deduct	-72.67	
			For 2" Thick Door, Add	61.92	
			For Polystyrene Core, Add	81.41	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	203.51	
			For Continuously Welded And Filled Vertical Edge Seam, Add	101.76	
			For Steel Stiffened, Add	203.51	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092	EA		4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,025.16	62.71
			For 14 Gauge, Level 4 Maximum Duty, Add	359.90	
			For Galvanized Steel Door, Add	179.95	
			For Type 304 Stainless Steel Door, Add	719.79	
			For Type 316 Stainless Steel Door, Add	1,169.66	
			For Embossed Panel Door, Add	215.94	
			For Baked Enamel Finish, Add	288.74	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-54.39	
			For >100, Deduct	-80.02	
			For 2" Thick Door, Add	68.37	
			For Polystyrene Core, Add	89.97	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	224.94	
			For Continuously Welded And Filled Vertical Edge Seam, Add	112.47	
			For Steel Stiffened, Add	224.94	
08 13 13 13-0093			7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)		
08 13 13 13-0094	EA		2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	821.77	51.09
			For 14 Gauge, Level 4 Maximum Duty, Add	287.83	
			For Galvanized Steel Door, Add	143.91	
			For Type 304 Stainless Steel Door, Add	575.66	
			For Type 316 Stainless Steel Door, Add	935.44	
			For Embossed Panel Door, Add	172.70	
			For Baked Enamel Finish, Add	231.20	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.64	
			For >100, Deduct	-64.19	
			For 2" Thick Door, Add	54.72	
			For Polystyrene Core, Add	71.96	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.95	
			For Steel Stiffened, Add	179.89	
08 13 13 13-0095	EA		2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	821.77	51.09
			For 14 Gauge, Level 4 Maximum Duty, Add	287.83	
			For Galvanized Steel Door, Add	143.91	
			For Type 304 Stainless Steel Door, Add	575.66	
			For Type 316 Stainless Steel Door, Add	935.44	
			For Embossed Panel Door, Add	172.70	
			For Baked Enamel Finish, Add	231.20	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.64	
			For >100, Deduct	-64.19	
			For 2" Thick Door, Add	54.72	
			For Polystyrene Core, Add	71.96	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	89.95	
			For Steel Stiffened, Add	179.89	
08 13 13 13-0096	EA		2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	841.13	53.42
			For 14 Gauge, Level 4 Maximum Duty, Add	293.72	
			For Galvanized Steel Door, Add	146.86	
			For Type 304 Stainless Steel Door, Add	587.43	
			For Type 316 Stainless Steel Door, Add	954.58	
			For Embossed Panel Door, Add	176.23	
			For Baked Enamel Finish, Add	236.31	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.73	
			For >100, Deduct	-65.76	
			For 2" Thick Door, Add	55.91	
			For Polystyrene Core, Add	73.43	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	183.57	
			For Continuously Welded And Filled Vertical Edge Seam, Add	91.79	
			For Steel Stiffened, Add	183.57	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0097	EA		2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	852.09	53.42
			For 14 Gauge, Level 4 Maximum Duty, Add	298.10	
			For Galvanized Steel Door, Add	149.05	
			For Type 304 Stainless Steel Door, Add	596.20	
			For Type 316 Stainless Steel Door, Add	968.83	
			For Embossed Panel Door, Add	178.86	
			For Baked Enamel Finish, Add	239.60	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-45.28	
			For >100, Deduct	-66.58	
			For 2" Thick Door, Add	56.70	
			For Polystyrene Core, Add	74.53	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	186.31	
			For Continuously Welded And Filled Vertical Edge Seam, Add	93.16	
			For Steel Stiffened, Add	186.31	
08 13 13 13-0098	EA		2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	858.80	54.58
			For 14 Gauge, Level 4 Maximum Duty, Add	299.86	
			For Galvanized Steel Door, Add	149.93	
			For Type 304 Stainless Steel Door, Add	599.71	
			For Type 316 Stainless Steel Door, Add	974.53	
			For Embossed Panel Door, Add	179.91	
			For Baked Enamel Finish, Add	241.27	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-45.67	
			For >100, Deduct	-67.14	
			For 2" Thick Door, Add	57.08	
			For Polystyrene Core, Add	74.96	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	187.41	
			For Continuously Welded And Filled Vertical Edge Seam, Add	93.71	
			For Steel Stiffened, Add	187.41	
08 13 13 13-0099	EA		3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	865.49	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	301.60	
			For Galvanized Steel Door, Add	150.80	
			For Type 304 Stainless Steel Door, Add	603.21	
			For Type 316 Stainless Steel Door, Add	980.21	
			For Embossed Panel Door, Add	180.96	
			For Baked Enamel Finish, Add	242.93	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-46.06	
			For >100, Deduct	-67.70	
			For 2" Thick Door, Add	57.45	
			For Polystyrene Core, Add	75.40	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	188.50	
			For Continuously Welded And Filled Vertical Edge Seam, Add	94.25	
			For Steel Stiffened, Add	188.50	
08 13 13 13-0100	EA		3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	922.48	55.74
			For 14 Gauge, Level 4 Maximum Duty, Add	324.40	
			For Galvanized Steel Door, Add	162.20	
			For Type 304 Stainless Steel Door, Add	648.80	
			For Type 316 Stainless Steel Door, Add	1,054.30	
			For Embossed Panel Door, Add	194.64	
			For Baked Enamel Finish, Add	260.02	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.91	
			For >100, Deduct	-71.97	
			For 2" Thick Door, Add	61.58	
			For Polystyrene Core, Add	81.10	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	202.75	
			For Continuously Welded And Filled Vertical Edge Seam, Add	101.38	
			For Steel Stiffened, Add	202.75	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101	EA		3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	949.05	58.06
			For 14 Gauge, Level 4 Maximum Duty, Add	333.17	
			For Galvanized Steel Door, Add	166.58	
			For Type 304 Stainless Steel Door, Add	666.34	
			For Type 316 Stainless Steel Door, Add	1,082.80	
			For Embossed Panel Door, Add	199.90	
			For Baked Enamel Finish, Add	267.30	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-50.36	
			For >100, Deduct	-74.08	
			For 2" Thick Door, Add	63.29	
			For Polystyrene Core, Add	83.29	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	208.23	
			For Continuously Welded And Filled Vertical Edge Seam, Add	104.12	
			For Steel Stiffened, Add	208.23	
08 13 13 13-0102	EA		4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,046.02	62.71
			For 14 Gauge, Level 4 Maximum Duty, Add	368.24	
			For Galvanized Steel Door, Add	184.12	
			For Type 304 Stainless Steel Door, Add	736.48	
			For Type 316 Stainless Steel Door, Add	1,196.78	
			For Embossed Panel Door, Add	220.94	
			For Baked Enamel Finish, Add	294.99	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-55.44	
			For >100, Deduct	-81.59	
			For 2" Thick Door, Add	69.88	
			For Polystyrene Core, Add	92.06	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	230.15	
			For Continuously Welded And Filled Vertical Edge Seam, Add	115.08	
			For Steel Stiffened, Add	230.15	
08 13 13 13-0103			8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)		
08 13 13 13-0104	EA		2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	956.25	51.09
			For Up To 1' Extra Height, Add	236.32	
			For 14 Gauge, Level 4 Maximum Duty, Add	341.62	
			For Galvanized Steel Door, Add	170.81	
			For Type 304 Stainless Steel Door, Add	683.24	
			For Type 316 Stainless Steel Door, Add	1,110.27	
			For Embossed Panel Door, Add	204.97	
			For Baked Enamel Finish, Add	271.55	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-50.37	
			For >100, Deduct	-74.27	
			For 2" Thick Door, Add	64.47	
			For Polystyrene Core, Add	85.41	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	213.51	
			For Continuously Welded And Filled Vertical Edge Seam, Add	106.76	
			For Steel Stiffened, Add	213.51	
08 13 13 13-0105	EA		2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	956.25	51.09
			For Up To 1' Extra Height, Add	236.32	
			For 14 Gauge, Level 4 Maximum Duty, Add	341.62	
			For Galvanized Steel Door, Add	170.81	
			For Type 304 Stainless Steel Door, Add	683.24	
			For Type 316 Stainless Steel Door, Add	1,110.27	
			For Embossed Panel Door, Add	204.97	
			For Baked Enamel Finish, Add	271.55	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-50.37	
			For >100, Deduct	-74.27	
			For 2" Thick Door, Add	64.47	
			For Polystyrene Core, Add	85.41	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	213.51	
			For Continuously Welded And Filled Vertical Edge Seam, Add	106.76	
			For Steel Stiffened, Add	213.51	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION		
		UNIT COST	UNIT COST
08 13 13 13-0106	EA 2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	978.36	53.42
	For Up To 1' Extra Height, Add	241.15	
	For 14 Gauge, Level 4 Maximum Duty, Add	348.61	
	For Galvanized Steel Door, Add	174.30	
	For Type 304 Stainless Steel Door, Add	697.22	
	For Type 316 Stainless Steel Door, Add	1,132.98	
	For Embossed Panel Door, Add	209.16	
	For Baked Enamel Finish, Add	277.48	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-51.59	
	For >100, Deduct	-76.05	
	For 2" Thick Door, Add	65.86	
	For Polystyrene Core, Add	87.15	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	217.88	
	For Continuously Welded And Filled Vertical Edge Seam, Add	108.94	
	For Steel Stiffened, Add	217.88	
08 13 13 13-0107	EA 2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	991.37	53.42
	For Up To 1' Extra Height, Add	244.75	
	For 14 Gauge, Level 4 Maximum Duty, Add	353.81	
	For Galvanized Steel Door, Add	176.91	
	For Type 304 Stainless Steel Door, Add	707.62	
	For Type 316 Stainless Steel Door, Add	1,149.89	
	For Embossed Panel Door, Add	212.29	
	For Baked Enamel Finish, Add	281.39	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-52.24	
	For >100, Deduct	-77.02	
	For 2" Thick Door, Add	66.80	
	For Polystyrene Core, Add	88.45	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	221.13	
	For Continuously Welded And Filled Vertical Edge Seam, Add	110.57	
	For Steel Stiffened, Add	221.13	
08 13 13 13-0108	EA 2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	998.89	54.58
	For Up To 1' Extra Height, Add	246.19	
	For 14 Gauge, Level 4 Maximum Duty, Add	355.89	
	For Galvanized Steel Door, Add	177.95	
	For Type 304 Stainless Steel Door, Add	711.78	
	For Type 316 Stainless Steel Door, Add	1,156.65	
	For Embossed Panel Door, Add	213.54	
	For Baked Enamel Finish, Add	283.29	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-52.67	
	For >100, Deduct	-77.65	
	For 2" Thick Door, Add	67.23	
	For Polystyrene Core, Add	88.97	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	222.43	
	For Continuously Welded And Filled Vertical Edge Seam, Add	111.22	
	For Steel Stiffened, Add	222.43	
08 13 13 13-0109	EA 3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,006.41	55.74
	For Up To 1' Extra Height, Add	247.63	
	For 14 Gauge, Level 4 Maximum Duty, Add	357.97	
	For Galvanized Steel Door, Add	178.99	
	For Type 304 Stainless Steel Door, Add	715.94	
	For Type 316 Stainless Steel Door, Add	1,163.41	
	For Embossed Panel Door, Add	214.78	
	For Baked Enamel Finish, Add	285.20	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-53.11	
	For >100, Deduct	-78.27	
	For 2" Thick Door, Add	67.67	
	For Polystyrene Core, Add	89.49	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	223.73	
	For Continuously Welded And Filled Vertical Edge Seam, Add	111.87	
	For Steel Stiffened, Add	223.73	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0110 EA 3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....1,074.05		55.74
For Up To 1' Extra Height, Add	266.34	
For 14 Gauge, Level 4 Maximum Duty, Add	385.03	
For Galvanized Steel Door, Add	192.51	
For Type 304 Stainless Steel Door, Add	770.06	
For Type 316 Stainless Steel Door, Add	1,251.34	
For Embossed Panel Door, Add	231.02	
For Baked Enamel Finish, Add	305.49	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-56.49	
For >100, Deduct	-83.34	
For 2" Thick Door, Add	72.57	
For Polystyrene Core, Add	96.26	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	240.64	
For Continuously Welded And Filled Vertical Edge Seam, Add	120.32	
For Steel Stiffened, Add	240.64	
08 13 13 13-0111 EA 3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....1,104.72		58.06
For Up To 1' Extra Height, Add	273.54	
For 1' To 1'-6" Extra Height, Add	521.88	
For 14 Gauge, Level 4 Maximum Duty, Add	395.44	
For Galvanized Steel Door, Add	197.72	
For Type 304 Stainless Steel Door, Add	790.87	
For Type 316 Stainless Steel Door, Add	1,285.17	
For Embossed Panel Door, Add	237.26	
For Baked Enamel Finish, Add	314.00	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-58.14	
For >100, Deduct	-85.76	
For 2" Thick Door, Add	74.58	
For Polystyrene Core, Add	98.86	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	247.15	
For Continuously Welded And Filled Vertical Edge Seam, Add	123.57	
For Steel Stiffened, Add	247.15	
08 13 13 13-0112 EA 4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....1,218.07		62.71
For Up To 1' Extra Height, Add	302.34	
For 1' To 1'-6" Extra Height, Add	576.81	
For 14 Gauge, Level 4 Maximum Duty, Add	437.06	
For Galvanized Steel Door, Add	218.53	
For Type 304 Stainless Steel Door, Add	874.12	
For Type 316 Stainless Steel Door, Add	1,420.45	
For Embossed Panel Door, Add	262.24	
For Baked Enamel Finish, Add	346.61	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-64.04	
For >100, Deduct	-94.49	
For 2" Thick Door, Add	82.35	
For Polystyrene Core, Add	109.27	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	273.16	
For Continuously Welded And Filled Vertical Edge Seam, Add	136.58	
For Steel Stiffened, Add	273.16	
08 13 13 53 Custom Hollow Metal Doors (08 13 13)		
08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door (08 13 13 53)		
08 13 13 53-0002 EA 2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door .....1,754.79		116.13
For 16 Gauge Door, Add	20.30	
08 13 13 53-0003 EA 2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door .....1,837.22		139.35
For 16 Gauge Door, Add	20.30	
08 13 73 Sliding Metal Doors (08 13)		
08 13 73 00-0001 Sliding Bypass Mirror Doors (08 13 73)		
Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.		
08 13 73 00-0002 EA 4' x 6' 8", Sliding Bypass Mirror Doors .....371.15		69.68
08 13 73 00-0003 EA 5' x 6' 8", Sliding Bypass Mirror Doors .....420.76		74.33
08 13 73 00-0004 EA 6' x 6' 8", Sliding Bypass Mirror Doors .....470.36		78.97
08 13 73 00-0005 EA 8' x 6' 8", Sliding Bypass Mirror Doors .....560.27		83.61

08 14 Wood Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16	Flush Wood Doors (08 14)			
08 14 16 00-0001	1-3/8" Thick, Hollow Core (HC), Wood Doors (08 14 16)			
08 14 16 00-0002	Birch Faced Wood Door (08 14 16 00-0001)			
08 14 16 00-0003	EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	229.60		51.09
	For >50 To 100, Deduct	-14.04		
	For >100, Deduct	-19.78		
08 14 16 00-0004	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	229.60		51.09
	For >50 To 100, Deduct	-14.04		
	For >100, Deduct	-19.78		
08 14 16 00-0005	EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	243.28		53.42
	For >50 To 100, Deduct	-14.84		
	For >100, Deduct	-20.92		
08 14 16 00-0006	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	249.91		53.42
	For >50 To 100, Deduct	-15.17		
	For >100, Deduct	-21.41		
08 14 16 00-0007	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	251.47		53.42
	For >50 To 100, Deduct	-15.24		
	For >100, Deduct	-21.53		
08 14 16 00-0008	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	256.90		55.74
	For >50 To 100, Deduct	-15.63		
	For >100, Deduct	-22.05		
08 14 16 00-0009	EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	271.09		55.74
	For >50 To 100, Deduct	-16.34		
	For >100, Deduct	-23.12		
08 14 16 00-0010	EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.96		58.06
	For >50 To 100, Deduct	-17.20		
	For >100, Deduct	-24.35		
08 14 16 00-0011	EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	237.03		51.09
	For >50 To 100, Deduct	-14.41		
	For >100, Deduct	-20.33		
08 14 16 00-0012	EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	237.03		51.09
	For >50 To 100, Deduct	-14.41		
	For >100, Deduct	-20.33		
08 14 16 00-0013	EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	251.22		53.42
	For >50 To 100, Deduct	-15.23		
	For >100, Deduct	-21.51		
08 14 16 00-0014	EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	258.25		53.42
	For >50 To 100, Deduct	-15.58		
	For >100, Deduct	-22.04		
08 14 16 00-0015	EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	259.90		53.42
	For >50 To 100, Deduct	-15.67		
	For >100, Deduct	-22.16		
08 14 16 00-0016	EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	265.35		55.74
	For >50 To 100, Deduct	-16.05		
	For >100, Deduct	-22.69		
08 14 16 00-0017	EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	280.38		55.74
	For >50 To 100, Deduct	-16.81		
	For >100, Deduct	-23.82		
08 14 16 00-0018	EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.84		58.06
	For >50 To 100, Deduct	-17.70		
	For >100, Deduct	-25.09		
08 14 16 00-0019	EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	263.32		51.09
	For >50 To 100, Deduct	-15.72		
	For >100, Deduct	-22.30		
	For 9' Door Height, Add	33.84		
08 14 16 00-0020	EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	263.32		51.09
	For >50 To 100, Deduct	-15.72		
	For >100, Deduct	-22.30		
	For 9' Door Height, Add	33.84		
08 14 16 00-0021	EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	279.39		53.42
	For >50 To 100, Deduct	-16.64		
	For >100, Deduct	-23.63		
	For 9' Door Height, Add	36.24		
08 14 16 00-0022	EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.76		53.42
	For >50 To 100, Deduct	-17.06		
	For >100, Deduct	-24.25		
	For 9' Door Height, Add	37.99		
08 14 16 00-0023	EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	289.74		53.42
	For >50 To 100, Deduct	-17.16		
	For >100, Deduct	-24.40		
	For 9' Door Height, Add	38.41		
08 14 16 00-0024	EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.35		55.74
	For >50 To 100, Deduct	-17.55		
	For >100, Deduct	-24.94		
	For 9' Door Height, Add	38.61		
08 14 16 00-0025	EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	313.32		55.74
	For >50 To 100, Deduct	-18.45		
	For >100, Deduct	-26.29		
	For 9' Door Height, Add	42.39		
08 14 16 00-0026	EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	330.87		58.06
	For >50 To 100, Deduct	-19.45		
	For >100, Deduct	-27.72		
	For 9' Door Height, Add	45.10		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 14 16 00-0027 Oak Faced Wood Door (08 14 16 00-0001)

08 14 16 00-0028	EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	259.79	51.09
	For >50 To 100, Deduct	-15.54	
	For >100, Deduct	-22.04	
08 14 16 00-0029	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	259.79	51.09
	For >50 To 100, Deduct	-15.54	
	For >100, Deduct	-22.04	
08 14 16 00-0030	EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	275.59	53.42
	For >50 To 100, Deduct	-16.45	
	For >100, Deduct	-23.34	
08 14 16 00-0031	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	283.81	53.42
	For >50 To 100, Deduct	-16.86	
	For >100, Deduct	-23.96	
08 14 16 00-0032	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	285.26	53.42
	For >50 To 100, Deduct	-16.93	
	For >100, Deduct	-24.07	
08 14 16 00-0033	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	291.35	55.74
	For >50 To 100, Deduct	-17.35	
	For >100, Deduct	-24.64	
08 14 16 00-0034	EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	308.89	55.74
	For >50 To 100, Deduct	-18.23	
	For >100, Deduct	-25.95	
08 14 16 00-0035	EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	326.18	58.06
	For >50 To 100, Deduct	-19.21	
	For >100, Deduct	-27.37	
08 14 16 00-0036	EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	268.95	51.09
	For >50 To 100, Deduct	-16.00	
	For >100, Deduct	-22.73	
08 14 16 00-0037	EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	268.95	51.09
	For >50 To 100, Deduct	-16.00	
	For >100, Deduct	-22.73	
08 14 16 00-0038	EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	285.42	53.42
	For >50 To 100, Deduct	-16.94	
	For >100, Deduct	-24.08	
08 14 16 00-0039	EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	294.11	53.42
	For >50 To 100, Deduct	-17.38	
	For >100, Deduct	-24.73	
08 14 16 00-0040	EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	295.64	53.42
	For >50 To 100, Deduct	-17.45	
	For >100, Deduct	-24.84	
08 14 16 00-0041	EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	301.81	55.74
	For >50 To 100, Deduct	-17.88	
	For >100, Deduct	-25.42	
08 14 16 00-0042	EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	320.37	55.74
	For >50 To 100, Deduct	-18.81	
	For >100, Deduct	-26.81	
08 14 16 00-0043	EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	338.40	58.06
	For >50 To 100, Deduct	-19.82	
	For >100, Deduct	-28.28	
08 14 16 00-0044	EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	301.48	51.09
	For >50 To 100, Deduct	-17.63	
	For >100, Deduct	-25.17	
	For 9' Door Height, Add	41.85	
08 14 16 00-0045	EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	301.48	51.09
	For >50 To 100, Deduct	-17.63	
	For >100, Deduct	-25.17	
	For 9' Door Height, Add	41.85	
08 14 16 00-0046	EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	320.24	53.42
	For >50 To 100, Deduct	-18.68	
	For >100, Deduct	-26.69	
	For 9' Door Height, Add	44.81	
08 14 16 00-0047	EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	330.62	53.42
	For >50 To 100, Deduct	-19.20	
	For >100, Deduct	-27.47	
	For 9' Door Height, Add	46.99	
08 14 16 00-0048	EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	332.46	53.42
	For >50 To 100, Deduct	-19.29	
	For >100, Deduct	-27.61	
	For 9' Door Height, Add	47.38	
08 14 16 00-0049	EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	338.92	55.74
	For >50 To 100, Deduct	-19.73	
	For >100, Deduct	-28.21	
	For 9' Door Height, Add	47.76	
08 14 16 00-0050	EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	361.12	55.74
	For >50 To 100, Deduct	-20.84	
	For >100, Deduct	-29.87	
	For 9' Door Height, Add	52.42	
08 14 16 00-0051	EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	381.76	58.06
	For >50 To 100, Deduct	-21.99	
	For >100, Deduct	-31.54	
	For 9' Door Height, Add	55.78	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0052	Maple Faced Wood Door (08 14 16 00-0001)			
08 14 16 00-0053	EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		291.31	51.09
	For >50 To 100, Deduct		-17.12	
	For >100, Deduct		-24.40	
08 14 16 00-0054	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		291.31	51.09
	For >50 To 100, Deduct		-17.12	
	For >100, Deduct		-24.40	
08 14 16 00-0055	EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		309.33	53.42
	For >50 To 100, Deduct		-18.14	
	For >100, Deduct		-25.87	
08 14 16 00-0056	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		319.21	53.42
	For >50 To 100, Deduct		-18.63	
	For >100, Deduct		-26.61	
08 14 16 00-0057	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		320.95	53.42
	For >50 To 100, Deduct		-18.72	
	For >100, Deduct		-26.74	
08 14 16 00-0058	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		327.33	55.74
	For >50 To 100, Deduct		-19.15	
	For >100, Deduct		-27.34	
08 14 16 00-0059	EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		348.37	55.74
	For >50 To 100, Deduct		-20.21	
	For >100, Deduct		-28.91	
08 14 16 00-0060	EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		368.19	58.06
	For >50 To 100, Deduct		-21.31	
	For >100, Deduct		-30.52	
08 14 16 00-0061	EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		302.30	51.09
	For >50 To 100, Deduct		-17.67	
	For >100, Deduct		-25.23	
08 14 16 00-0062	EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		302.30	51.09
	For >50 To 100, Deduct		-17.67	
	For >100, Deduct		-25.23	
08 14 16 00-0063	EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		321.13	53.42
	For >50 To 100, Deduct		-18.73	
	For >100, Deduct		-26.76	
08 14 16 00-0064	EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		331.56	53.42
	For >50 To 100, Deduct		-19.25	
	For >100, Deduct		-27.54	
08 14 16 00-0065	EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		333.41	53.42
	For >50 To 100, Deduct		-19.34	
	For >100, Deduct		-27.68	
08 14 16 00-0066	EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		339.87	55.74
	For >50 To 100, Deduct		-19.78	
	For >100, Deduct		-28.28	
08 14 16 00-0067	EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		362.15	55.74
	For >50 To 100, Deduct		-20.89	
	For >100, Deduct		-29.95	
08 14 16 00-0068	EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		382.87	58.06
	For >50 To 100, Deduct		-22.05	
	For >100, Deduct		-31.62	
08 14 16 00-0069	EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		341.33	51.09
	For >50 To 100, Deduct		-19.62	
	For >100, Deduct		-28.15	
	For 9' Door Height, Add		50.22	
08 14 16 00-0070	EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		341.33	51.09
	For >50 To 100, Deduct		-19.62	
	For >100, Deduct		-28.15	
	For 9' Door Height, Add		50.22	
08 14 16 00-0071	EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		362.91	53.42
	For >50 To 100, Deduct		-20.82	
	For >100, Deduct		-29.89	
	For 9' Door Height, Add		53.77	
08 14 16 00-0072	EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		375.37	53.42
	For >50 To 100, Deduct		-21.44	
	For >100, Deduct		-30.82	
	For 9' Door Height, Add		56.39	
08 14 16 00-0073	EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		377.58	53.42
	For >50 To 100, Deduct		-21.55	
	For >100, Deduct		-30.99	
	For 9' Door Height, Add		56.86	
08 14 16 00-0074	EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		384.40	55.74
	For >50 To 100, Deduct		-22.01	
	For >100, Deduct		-31.62	
	For 9' Door Height, Add		57.31	
08 14 16 00-0075	EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		411.06	55.74
	For >50 To 100, Deduct		-23.34	
	For >100, Deduct		-33.62	
	For 9' Door Height, Add		62.91	
08 14 16 00-0076	EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....		434.88	58.06
	For >50 To 100, Deduct		-24.65	
	For >100, Deduct		-35.52	
	For 9' Door Height, Add		66.94	
08 14 16 00-0077	Lauan Faced Wood Doors (08 14 16 00-0001)			

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	197.47	51.09
		For >50 To 100, Deduct	.....	-12.43	
		For >100, Deduct	.....	-17.37	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	197.47	51.09
		For >50 To 100, Deduct	.....	-12.43	
		For >100, Deduct	.....	-17.37	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	208.56	53.42
		For >50 To 100, Deduct	.....	-13.10	
		For >100, Deduct	.....	-18.31	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	214.01	53.42
		For >50 To 100, Deduct	.....	-13.37	
		For >100, Deduct	.....	-18.72	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	215.94	53.42
		For >50 To 100, Deduct	.....	-13.47	
		For >100, Deduct	.....	-18.87	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	222.50	55.74
		For >50 To 100, Deduct	.....	-13.91	
		For >100, Deduct	.....	-19.47	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	233.11	55.74
		For >50 To 100, Deduct	.....	-14.44	
		For >100, Deduct	.....	-20.27	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	245.56	58.06
		For >50 To 100, Deduct	.....	-15.18	
		For >100, Deduct	.....	-21.32	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	203.01	51.09
		For >50 To 100, Deduct	.....	-12.71	
		For >100, Deduct	.....	-17.78	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	203.00	51.09
		For >50 To 100, Deduct	.....	-12.71	
		For >100, Deduct	.....	-17.78	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	214.49	53.42
		For >50 To 100, Deduct	.....	-13.40	
		For >100, Deduct	.....	-18.76	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	220.25	53.42
		For >50 To 100, Deduct	.....	-13.68	
		For >100, Deduct	.....	-19.19	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	222.28	53.42
		For >50 To 100, Deduct	.....	-13.79	
		For >100, Deduct	.....	-19.34	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	228.96	55.74
		For >50 To 100, Deduct	.....	-14.24	
		For >100, Deduct	.....	-19.96	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	240.19	55.74
		For >50 To 100, Deduct	.....	-14.80	
		For >100, Deduct	.....	-20.80	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	253.08	58.06
		For >50 To 100, Deduct	.....	-15.56	
		For >100, Deduct	.....	-21.88	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	222.67	51.09
		For >50 To 100, Deduct	.....	-13.69	
		For >100, Deduct	.....	-19.26	
		For 9' Door Height, Add	.....	25.30	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	222.65	51.09
		For >50 To 100, Deduct	.....	-13.69	
		For >100, Deduct	.....	-19.25	
		For 9' Door Height, Add	.....	25.29	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	235.48	53.42
		For >50 To 100, Deduct	.....	-14.45	
		For >100, Deduct	.....	-20.33	
		For 9' Door Height, Add	.....	27.01	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	242.35	53.42
		For >50 To 100, Deduct	.....	-14.79	
		For >100, Deduct	.....	-20.85	
		For 9' Door Height, Add	.....	28.46	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	244.80	53.42
		For >50 To 100, Deduct	.....	-14.91	
		For >100, Deduct	.....	-21.03	
		For 9' Door Height, Add	.....	28.97	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	251.87	55.74
		For >50 To 100, Deduct	.....	-15.38	
		For >100, Deduct	.....	-21.68	
		For 9' Door Height, Add	.....	29.48	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	265.30	55.74
		For >50 To 100, Deduct	.....	-16.05	
		For >100, Deduct	.....	-22.68	
		For 9' Door Height, Add	.....	32.30	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	279.77	58.06
		For >50 To 100, Deduct	.....	-16.89	
		For >100, Deduct	.....	-23.89	
		For 9' Door Height, Add	.....	34.36	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0001)



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0103	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	200.05	51.09
			For >50 To 100, Deduct	-12.56	
			For >100, Deduct	-17.56	
08 14 16 00-0104	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	200.05	51.09
			For >50 To 100, Deduct	-12.56	
			For >100, Deduct	-17.56	
08 14 16 00-0105	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	211.83	53.42
			For >50 To 100, Deduct	-13.26	
			For >100, Deduct	-18.56	
08 14 16 00-0106	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	215.20	53.42
			For >50 To 100, Deduct	-13.43	
			For >100, Deduct	-18.81	
08 14 16 00-0107	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	218.60	53.42
			For >50 To 100, Deduct	-13.60	
			For >100, Deduct	-19.07	
08 14 16 00-0108	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	226.61	55.74
			For >50 To 100, Deduct	-14.12	
			For >100, Deduct	-19.78	
08 14 16 00-0109	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	239.28	55.74
			For >50 To 100, Deduct	-14.75	
			For >100, Deduct	-20.73	
08 14 16 00-0110	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	252.09	58.06
			For >50 To 100, Deduct	-15.51	
			For >100, Deduct	-21.81	
08 14 16 00-0111	EA		2'-0" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	205.74	51.09
			For >50 To 100, Deduct	-12.84	
			For >100, Deduct	-17.99	
08 14 16 00-0112	EA		2'-4" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	205.74	51.09
			For >50 To 100, Deduct	-12.84	
			For >100, Deduct	-17.99	
08 14 16 00-0113	EA		2'-6" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	217.93	53.42
			For >50 To 100, Deduct	-13.57	
			For >100, Deduct	-19.02	
08 14 16 00-0114	EA		2'-8" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	221.51	53.42
			For >50 To 100, Deduct	-13.75	
			For >100, Deduct	-19.28	
08 14 16 00-0115	EA		2'-10" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	225.10	53.42
			For >50 To 100, Deduct	-13.93	
			For >100, Deduct	-19.55	
08 14 16 00-0116	EA		3'-0" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	233.32	55.74
			For >50 To 100, Deduct	-14.45	
			For >100, Deduct	-20.29	
08 14 16 00-0117	EA		3'-4" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	246.72	55.74
			For >50 To 100, Deduct	-15.12	
			For >100, Deduct	-21.29	
08 14 16 00-0118	EA		3'-6" x 7" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	260.01	58.06
			For >50 To 100, Deduct	-15.90	
			For >100, Deduct	-22.40	
08 14 16 00-0119	EA		2'-0" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	225.91	51.09
			For >50 To 100, Deduct	-13.85	
			For >100, Deduct	-19.50	
			For 9' Door Height, Add	25.98	
08 14 16 00-0120	EA		2'-4" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	225.94	51.09
			For >50 To 100, Deduct	-13.85	
			For >100, Deduct	-19.50	
			For 9' Door Height, Add	25.99	
08 14 16 00-0121	EA		2'-6" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	239.59	53.42
			For >50 To 100, Deduct	-14.65	
			For >100, Deduct	-20.64	
			For 9' Door Height, Add	27.88	
08 14 16 00-0122	EA		2'-8" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	243.88	53.42
			For >50 To 100, Deduct	-14.87	
			For >100, Deduct	-20.96	
			For 9' Door Height, Add	28.78	
08 14 16 00-0123	EA		2'-10" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	248.18	53.42
			For >50 To 100, Deduct	-15.08	
			For >100, Deduct	-21.28	
			For 9' Door Height, Add	29.68	
08 14 16 00-0124	EA		3'-0" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	257.08	55.74
			For >50 To 100, Deduct	-15.64	
			For >100, Deduct	-22.07	
			For 9' Door Height, Add	30.58	
08 14 16 00-0125	EA		3'-4" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	273.10	55.74
			For >50 To 100, Deduct	-16.44	
			For >100, Deduct	-23.27	
			For 9' Door Height, Add	33.94	
08 14 16 00-0126	EA		3'-6" x 8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	288.07	58.06
			For >50 To 100, Deduct	-17.31	
			For >100, Deduct	-24.51	
			For 9' Door Height, Add	36.11	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors (08 14 16)

08 14 16 00-0128 Birch Faced Wood Doors (08 14 16 00-0127)

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	261.45	51.09
		For >50 To 100, Deduct	.....	-15.63	
		For >100, Deduct	.....	-22.16	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	261.45	51.09
		For >50 To 100, Deduct	.....	-15.63	
		For >100, Deduct	.....	-22.16	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	272.09	53.42
		For >50 To 100, Deduct	.....	-16.28	
		For >100, Deduct	.....	-23.08	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	274.33	53.42
		For >50 To 100, Deduct	.....	-16.39	
		For >100, Deduct	.....	-23.25	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	279.23	53.42
		For >50 To 100, Deduct	.....	-16.63	
		For >100, Deduct	.....	-23.61	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	288.77	55.74
		For >50 To 100, Deduct	.....	-17.23	
		For >100, Deduct	.....	-24.44	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	314.76	55.74
		For >50 To 100, Deduct	.....	-18.53	
		For >100, Deduct	.....	-26.39	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	372.17	58.06
		For >50 To 100, Deduct	.....	-21.51	
		For >100, Deduct	.....	-30.82	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	384.97	58.06
		For >50 To 100, Deduct	.....	-22.15	
		For >100, Deduct	.....	-31.78	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	410.57	58.06
		For >50 To 100, Deduct	.....	-23.43	
		For >100, Deduct	.....	-33.70	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	270.72	51.09
		For >50 To 100, Deduct	.....	-16.09	
		For >100, Deduct	.....	-22.86	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	270.72	51.09
		For >50 To 100, Deduct	.....	-16.09	
		For >100, Deduct	.....	-22.86	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	281.71	53.42
		For >50 To 100, Deduct	.....	-16.76	
		For >100, Deduct	.....	-23.80	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	284.08	53.42
		For >50 To 100, Deduct	.....	-16.88	
		For >100, Deduct	.....	-23.98	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	289.26	53.42
		For >50 To 100, Deduct	.....	-17.13	
		For >100, Deduct	.....	-24.37	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	299.08	55.74
		For >50 To 100, Deduct	.....	-17.74	
		For >100, Deduct	.....	-25.22	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	326.60	55.74
		For >50 To 100, Deduct	.....	-19.12	
		For >100, Deduct	.....	-27.28	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	387.08	58.06
		For >50 To 100, Deduct	.....	-22.26	
		For >100, Deduct	.....	-31.93	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	400.62	58.06
		For >50 To 100, Deduct	.....	-22.93	
		For >100, Deduct	.....	-32.95	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	427.72	58.06
		For >50 To 100, Deduct	.....	-24.29	
		For >100, Deduct	.....	-34.98	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	303.59	51.09
		For >50 To 100, Deduct	.....	-17.73	
		For >100, Deduct	.....	-25.32	
		For 9' Door Height, Add	.....	42.29	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	303.59	51.09
		For >50 To 100, Deduct	.....	-17.73	
		For >100, Deduct	.....	-25.32	
		For 9' Door Height, Add	.....	42.29	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	315.81	53.42
		For >50 To 100, Deduct	.....	-18.46	
		For >100, Deduct	.....	-26.36	
		For 9' Door Height, Add	.....	43.88	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	318.63	53.42
		For >50 To 100, Deduct	.....	-18.60	
		For >100, Deduct	.....	-26.57	
		For 9' Door Height, Add	.....	44.48	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	324.85	53.42
		For >50 To 100, Deduct	.....	-18.91	
		For >100, Deduct	.....	-27.03	
		For 9' Door Height, Add	.....	45.78	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	335.65	55.74
		For >50 To 100, Deduct	.....	-19.57	
		For >100, Deduct	.....	-27.96	
		For 9' Door Height, Add	.....	47.08	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0155	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	368.55	55.74
			For >50 To 100, Deduct	-21.21	
			For >100, Deduct	-30.43	
			For 9' Door Height, Add	53.98	
08 14 16 00-0156	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	439.92	58.06
			For >50 To 100, Deduct	-24.90	
			For >100, Deduct	-35.90	
			For 9' Door Height, Add	68.00	
08 14 16 00-0157	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	456.09	58.06
			For >50 To 100, Deduct	-25.71	
			For >100, Deduct	-37.11	
			For 9' Door Height, Add	71.39	
08 14 16 00-0158	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	488.48	58.06
			For >50 To 100, Deduct	-27.33	
			For >100, Deduct	-39.54	
			For 9' Door Height, Add	78.19	
08 14 16 00-0159 Oak Faced Wood Doors (08 14 16 00-0127)					
08 14 16 00-0160	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	311.75	51.09
			For >50 To 100, Deduct	-18.14	
			For >100, Deduct	-25.94	
08 14 16 00-0161	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	311.75	51.09
			For >50 To 100, Deduct	-18.14	
			For >100, Deduct	-25.94	
08 14 16 00-0162	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	324.27	53.42
			For >50 To 100, Deduct	-18.88	
			For >100, Deduct	-26.99	
08 14 16 00-0163	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	327.22	53.42
			For >50 To 100, Deduct	-19.03	
			For >100, Deduct	-27.21	
08 14 16 00-0164	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	333.67	53.42
			For >50 To 100, Deduct	-19.35	
			For >100, Deduct	-27.70	
08 14 16 00-0165	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	344.74	55.74
			For >50 To 100, Deduct	-20.02	
			For >100, Deduct	-28.64	
08 14 16 00-0166	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	378.95	55.74
			For >50 To 100, Deduct	-21.73	
			For >100, Deduct	-31.21	
08 14 16 00-0167	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	453.03	58.06
			For >50 To 100, Deduct	-25.55	
			For >100, Deduct	-36.88	
08 14 16 00-0168	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	469.89	58.06
			For >50 To 100, Deduct	-26.40	
			For >100, Deduct	-38.15	
08 14 16 00-0169	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	503.60	58.06
			For >50 To 100, Deduct	-28.08	
			For >100, Deduct	-40.67	
08 14 16 00-0170	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	323.94	51.09
			For >50 To 100, Deduct	-18.75	
			For >100, Deduct	-26.85	
08 14 16 00-0171	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	323.95	51.09
			For >50 To 100, Deduct	-18.75	
			For >100, Deduct	-26.85	
08 14 16 00-0172	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	336.92	53.42
			For >50 To 100, Deduct	-19.52	
			For >100, Deduct	-27.94	
08 14 16 00-0173	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	340.04	53.42
			For >50 To 100, Deduct	-19.67	
			For >100, Deduct	-28.17	
08 14 16 00-0174	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	346.87	53.42
			For >50 To 100, Deduct	-20.01	
			For >100, Deduct	-28.69	
08 14 16 00-0175	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	358.31	55.74
			For >50 To 100, Deduct	-20.70	
			For >100, Deduct	-29.66	
08 14 16 00-0176	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	394.52	55.74
			For >50 To 100, Deduct	-22.51	
			For >100, Deduct	-32.38	
08 14 16 00-0177	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	472.64	58.06
			For >50 To 100, Deduct	-26.54	
			For >100, Deduct	-38.35	
08 14 16 00-0178	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	490.49	58.06
			For >50 To 100, Deduct	-27.43	
			For >100, Deduct	-39.69	
08 14 16 00-0179	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	526.15	58.06
			For >50 To 100, Deduct	-29.21	
			For >100, Deduct	-42.36	
08 14 16 00-0180	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	367.17	51.09
			For >50 To 100, Deduct	-20.91	
			For >100, Deduct	-30.09	
			For 9' Door Height, Add	55.64	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0181	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	367.20	51.09
			For >50 To 100, Deduct	-20.92	
			For >100, Deduct	-30.10	
			For 9' Door Height, Add	55.65	
08 14 16 00-0182	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	381.79	53.42
			For >50 To 100, Deduct	-21.76	
			For >100, Deduct	-31.31	
			For 9' Door Height, Add	57.74	
08 14 16 00-0183	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	385.51	53.42
			For >50 To 100, Deduct	-21.95	
			For >100, Deduct	-31.58	
			For 9' Door Height, Add	58.52	
08 14 16 00-0184	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	393.67	53.42
			For >50 To 100, Deduct	-22.35	
			For >100, Deduct	-32.20	
			For 9' Door Height, Add	60.23	
08 14 16 00-0185	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	406.45	55.74
			For >50 To 100, Deduct	-23.11	
			For >100, Deduct	-33.27	
			For 9' Door Height, Add	61.94	
08 14 16 00-0186	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	449.73	55.74
			For >50 To 100, Deduct	-25.27	
			For >100, Deduct	-36.52	
			For 9' Door Height, Add	71.03	
08 14 16 00-0187	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	542.16	58.06
			For >50 To 100, Deduct	-30.01	
			For >100, Deduct	-43.57	
			For 9' Door Height, Add	89.47	
08 14 16 00-0188	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	563.50	58.06
			For >50 To 100, Deduct	-31.08	
			For >100, Deduct	-45.17	
			For 9' Door Height, Add	93.95	
08 14 16 00-0189	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	606.11	58.06
			For >50 To 100, Deduct	-33.21	
			For >100, Deduct	-48.36	
			For 9' Door Height, Add	102.90	
08 14 16 00-0190 Maple Faced Wood Doors (08 14 16 00-0127)					
08 14 16 00-0191	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	353.66	51.09
			For >50 To 100, Deduct	-20.24	
			For >100, Deduct	-29.08	
08 14 16 00-0192	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	353.66	51.09
			For >50 To 100, Deduct	-20.24	
			For >100, Deduct	-29.08	
08 14 16 00-0193	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	367.75	53.42
			For >50 To 100, Deduct	-21.06	
			For >100, Deduct	-30.25	
08 14 16 00-0194	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	371.44	53.42
			For >50 To 100, Deduct	-21.24	
			For >100, Deduct	-30.53	
08 14 16 00-0195	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	379.11	53.42
			For >50 To 100, Deduct	-21.63	
			For >100, Deduct	-31.10	
08 14 16 00-0196	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	391.38	55.74
			For >50 To 100, Deduct	-22.36	
			For >100, Deduct	-32.14	
08 14 16 00-0197	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.45	55.74
			For >50 To 100, Deduct	-24.41	
			For >100, Deduct	-35.22	
08 14 16 00-0198	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	500.31	58.06
			For >50 To 100, Deduct	-27.92	
			For >100, Deduct	-40.43	
08 14 16 00-0199	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	540.64	58.06
			For >50 To 100, Deduct	-29.94	
			For >100, Deduct	-43.45	
08 14 16 00-0200	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	581.09	58.06
			For >50 To 100, Deduct	-31.96	
			For >100, Deduct	-46.49	
08 14 16 00-0201	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	368.30	51.09
			For >50 To 100, Deduct	-20.97	
			For >100, Deduct	-30.18	
08 14 16 00-0202	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	368.30	51.09
			For >50 To 100, Deduct	-20.97	
			For >100, Deduct	-30.18	
08 14 16 00-0203	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	382.93	53.42
			For >50 To 100, Deduct	-21.82	
			For >100, Deduct	-31.39	
08 14 16 00-0204	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	386.85	53.42
			For >50 To 100, Deduct	-22.01	
			For >100, Deduct	-31.68	
08 14 16 00-0205	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	394.94	53.42
			For >50 To 100, Deduct	-22.42	
			For >100, Deduct	-32.29	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	407.66	55.74
		For >50 To 100, Deduct		-23.17	
		For >100, Deduct		-33.36	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	451.12	55.74
		For >50 To 100, Deduct		-25.34	
		For >100, Deduct		-36.62	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	522.57	58.06
		For >50 To 100, Deduct		-29.03	
		For >100, Deduct		-42.10	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	565.37	58.06
		For >50 To 100, Deduct		-31.17	
		For >100, Deduct		-45.31	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	608.14	58.06
		For >50 To 100, Deduct		-33.31	
		For >100, Deduct		-48.51	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	420.19	51.09
		For >50 To 100, Deduct		-23.56	
		For >100, Deduct		-34.07	
		For 9' Door Height, Add		66.78	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	420.19	51.09
		For >50 To 100, Deduct		-23.56	
		For >100, Deduct		-34.07	
		For 9' Door Height, Add		66.78	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	436.76	53.42
		For >50 To 100, Deduct		-24.51	
		For >100, Deduct		-35.43	
		For 9' Door Height, Add		69.28	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	441.45	53.42
		For >50 To 100, Deduct		-24.74	
		For >100, Deduct		-35.78	
		For 9' Door Height, Add		70.27	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	451.09	53.42
		For >50 To 100, Deduct		-25.23	
		For >100, Deduct		-36.50	
		For 9' Door Height, Add		72.29	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	465.42	55.74
		For >50 To 100, Deduct		-26.06	
		For >100, Deduct		-37.69	
		For 9' Door Height, Add		74.33	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	517.34	55.74
		For >50 To 100, Deduct		-28.65	
		For >100, Deduct		-41.59	
		For 9' Door Height, Add		85.23	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	601.85	58.06
		For >50 To 100, Deduct		-33.00	
		For >100, Deduct		-48.04	
		For 9' Door Height, Add		102.00	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	652.97	58.06
		For >50 To 100, Deduct		-35.55	
		For >100, Deduct		-51.88	
		For 9' Door Height, Add		112.74	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	704.12	58.06
		For >50 To 100, Deduct		-38.11	
		For >100, Deduct		-55.71	
		For 9' Door Height, Add		123.48	
08 14 16 00-0221	Walnut Faced Wood Doors (08 14 16 00-0127)				
08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	386.08	51.09
		For >50 To 100, Deduct		-21.86	
		For >100, Deduct		-31.51	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	386.08	51.09
		For >50 To 100, Deduct		-21.86	
		For >100, Deduct		-31.51	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	392.70	53.42
		For >50 To 100, Deduct		-22.31	
		For >100, Deduct		-32.12	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	405.29	53.42
		For >50 To 100, Deduct		-22.94	
		For >100, Deduct		-33.07	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	407.21	53.42
		For >50 To 100, Deduct		-23.03	
		For >100, Deduct		-33.21	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	413.77	55.74
		For >50 To 100, Deduct		-23.48	
		For >100, Deduct		-33.82	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	447.51	55.74
		For >50 To 100, Deduct		-25.16	
		For >100, Deduct		-36.35	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	539.27	58.06
		For >50 To 100, Deduct		-29.87	
		For >100, Deduct		-43.35	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	560.42	58.06
		For >50 To 100, Deduct		-30.92	
		For >100, Deduct		-44.93	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0231	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	602.77	58.06
			For >50 To 100, Deduct	-33.04	
			For >100, Deduct	-48.11	
08 14 16 00-0232	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	402.60	51.09
			For >50 To 100, Deduct	-22.69	
			For >100, Deduct	-32.75	
08 14 16 00-0233	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	402.60	51.09
			For >50 To 100, Deduct	-22.69	
			For >100, Deduct	-32.75	
08 14 16 00-0234	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	409.34	53.42
			For >50 To 100, Deduct	-23.14	
			For >100, Deduct	-33.37	
08 14 16 00-0235	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	422.64	53.42
			For >50 To 100, Deduct	-23.80	
			For >100, Deduct	-34.37	
08 14 16 00-0236	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	424.70	53.42
			For >50 To 100, Deduct	-23.91	
			For >100, Deduct	-34.52	
08 14 16 00-0237	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	431.37	55.74
			For >50 To 100, Deduct	-24.36	
			For >100, Deduct	-35.14	
08 14 16 00-0238	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	467.06	55.74
			For >50 To 100, Deduct	-26.14	
			For >100, Deduct	-37.82	
08 14 16 00-0239	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	563.89	58.06
			For >50 To 100, Deduct	-31.10	
			For >100, Deduct	-45.20	
08 14 16 00-0240	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	586.28	58.06
			For >50 To 100, Deduct	-32.22	
			For >100, Deduct	-46.87	
08 14 16 00-0241	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	631.08	58.06
			For >50 To 100, Deduct	-34.46	
			For >100, Deduct	-50.23	
08 14 16 00-0242	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	461.17	51.09
			For >50 To 100, Deduct	-25.61	
			For >100, Deduct	-37.14	
			For 9' Door Height, Add	75.38	
08 14 16 00-0243	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	461.17	51.09
			For >50 To 100, Deduct	-25.61	
			For >100, Deduct	-37.14	
			For 9' Door Height, Add	75.38	
08 14 16 00-0244	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	468.34	53.42
			For >50 To 100, Deduct	-26.09	
			For >100, Deduct	-37.80	
			For 9' Door Height, Add	75.92	
08 14 16 00-0245	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	484.23	53.42
			For >50 To 100, Deduct	-26.88	
			For >100, Deduct	-38.99	
			For 9' Door Height, Add	79.25	
08 14 16 00-0246	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	486.67	53.42
			For >50 To 100, Deduct	-27.00	
			For >100, Deduct	-39.17	
			For 9' Door Height, Add	79.76	
08 14 16 00-0247	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	493.74	55.74
			For >50 To 100, Deduct	-27.47	
			For >100, Deduct	-39.82	
			For 9' Door Height, Add	80.27	
08 14 16 00-0248	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	536.41	55.74
			For >50 To 100, Deduct	-29.61	
			For >100, Deduct	-43.02	
			For 9' Door Height, Add	89.24	
08 14 16 00-0249	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	651.21	58.06
			For >50 To 100, Deduct	-35.46	
			For >100, Deduct	-51.74	
			For 9' Door Height, Add	112.37	
08 14 16 00-0250	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	677.97	58.06
			For >50 To 100, Deduct	-36.80	
			For >100, Deduct	-53.75	
			For 9' Door Height, Add	117.99	
08 14 16 00-0251	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	731.49	58.06
			For >50 To 100, Deduct	-39.48	
			For >100, Deduct	-57.77	
			For 9' Door Height, Add	129.23	
08 14 16 00-0252			Lauan Faced Wood Doors (08 14 16 00-0127)		
08 14 16 00-0253	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	223.23	51.09
			For >50 To 100, Deduct	-13.72	
			For >100, Deduct	-19.30	
08 14 16 00-0254	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	223.23	51.09
			For >50 To 100, Deduct	-13.72	
			For >100, Deduct	-19.30	
08 14 16 00-0255	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	236.19	53.42
			For >50 To 100, Deduct	-14.48	
			For >100, Deduct	-20.39	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0256	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	242.96 -14.82 -20.89	53.42
08 14 16 00-0257	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	244.30 -14.89 -20.99	53.42
08 14 16 00-0258	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	250.29 -15.30 -21.56	55.74
08 14 16 00-0259	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	265.54 -16.06 -22.70	55.74
08 14 16 00-0260	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	289.86 -17.40 -24.64	58.06
08 14 16 00-0261	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	298.53 -17.83 -25.29	58.06
08 14 16 00-0262	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	315.91 -18.70 -26.60	58.06
08 14 16 00-0263	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	230.26 -14.07 -19.82	51.09
08 14 16 00-0264	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	230.26 -14.07 -19.82	51.09
08 14 16 00-0265	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	243.72 -14.86 -20.95	53.42
08 14 16 00-0266	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	250.89 -15.22 -21.49	53.42
08 14 16 00-0267	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	252.31 -15.29 -21.59	53.42
08 14 16 00-0268	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	258.36 -15.71 -22.16	55.74
08 14 16 00-0269	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	274.51 -16.51 -23.38	55.74
08 14 16 00-0270	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	299.96 -17.90 -25.40	58.06
08 14 16 00-0271	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	309.14 -18.36 -26.09	58.06
08 14 16 00-0272	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	327.53 -19.28 -27.47	58.06
08 14 16 00-0273	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	255.23 -15.32 -21.70 32.14	51.09
08 14 16 00-0274	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	255.23 -15.32 -21.70 32.14	51.09
08 14 16 00-0275	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	270.41 -16.19 -22.95 34.35	53.42
08 14 16 00-0276	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	278.97 -16.62 -23.59 36.15	53.42
08 14 16 00-0277	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	280.68 -16.71 -23.72 36.51	53.42
08 14 16 00-0278	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	287.00 -17.14 -24.31 36.86	55.74
08 14 16 00-0279	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	306.31 -18.10 -25.76 40.91	55.74
08 14 16 00-0280	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	335.80 -19.69 -28.09 46.13	58.06

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0281	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	346.78	58.06
			For >50 To 100, Deduct	-20.24	
			For >100, Deduct	-28.91	
			For 9' Door Height, Add	48.44	
08 14 16 00-0282	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	368.75	58.06
			For >50 To 100, Deduct	-21.34	
			For >100, Deduct	-30.56	
			For 9' Door Height, Add	53.05	
08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0127)					
08 14 16 00-0284	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	224.10	51.09
			For >50 To 100, Deduct	-13.76	
			For >100, Deduct	-19.36	
08 14 16 00-0285	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	224.12	51.09
			For >50 To 100, Deduct	-13.76	
			For >100, Deduct	-19.36	
08 14 16 00-0286	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	232.13	53.42
			For >50 To 100, Deduct	-14.28	
			For >100, Deduct	-20.08	
08 14 16 00-0287	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	238.93	53.42
			For >50 To 100, Deduct	-14.62	
			For >100, Deduct	-20.59	
08 14 16 00-0288	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	242.33	53.42
			For >50 To 100, Deduct	-14.79	
			For >100, Deduct	-20.85	
08 14 16 00-0289	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	250.31	55.74
			For >50 To 100, Deduct	-15.30	
			For >100, Deduct	-21.56	
08 14 16 00-0290	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	258.06	55.74
			For >50 To 100, Deduct	-15.69	
			For >100, Deduct	-22.14	
08 14 16 00-0291	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	287.89	58.06
			For >50 To 100, Deduct	-17.30	
			For >100, Deduct	-24.50	
08 14 16 00-0292	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	296.47	58.06
			For >50 To 100, Deduct	-17.73	
			For >100, Deduct	-25.14	
08 14 16 00-0293	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	313.67	58.06
			For >50 To 100, Deduct	-18.59	
			For >100, Deduct	-26.43	
08 14 16 00-0294	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	231.20	51.09
			For >50 To 100, Deduct	-14.12	
			For >100, Deduct	-19.90	
08 14 16 00-0295	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	231.21	51.09
			For >50 To 100, Deduct	-14.12	
			For >100, Deduct	-19.90	
08 14 16 00-0296	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	239.42	53.42
			For >50 To 100, Deduct	-14.64	
			For >100, Deduct	-20.63	
08 14 16 00-0297	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	246.61	53.42
			For >50 To 100, Deduct	-15.00	
			For >100, Deduct	-21.17	
08 14 16 00-0298	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	250.20	53.42
			For >50 To 100, Deduct	-15.18	
			For >100, Deduct	-21.44	
08 14 16 00-0299	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	258.40	55.74
			For >50 To 100, Deduct	-15.71	
			For >100, Deduct	-22.17	
08 14 16 00-0300	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.60	55.74
			For >50 To 100, Deduct	-16.12	
			For >100, Deduct	-22.78	
08 14 16 00-0301	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	297.89	58.06
			For >50 To 100, Deduct	-17.80	
			For >100, Deduct	-25.25	
08 14 16 00-0302	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	306.98	58.06
			For >50 To 100, Deduct	-18.25	
			For >100, Deduct	-25.93	
08 14 16 00-0303	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	325.16	58.06
			For >50 To 100, Deduct	-19.16	
			For >100, Deduct	-27.29	
08 14 16 00-0304	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	256.36	51.09
			For >50 To 100, Deduct	-15.37	
			For >100, Deduct	-21.78	
			For 9' Door Height, Add	32.37	
08 14 16 00-0305	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	256.36	51.09
			For >50 To 100, Deduct	-15.37	
			For >100, Deduct	-21.78	
			For 9' Door Height, Add	32.37	
08 14 16 00-0306	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	265.27	53.42
			For >50 To 100, Deduct	-15.93	
			For >100, Deduct	-22.57	
			For 9' Door Height, Add	33.27	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	273.86 -16.36 -23.21 35.07	53.42
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	278.15 -16.58 -23.53 35.98	53.42
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	287.06 -17.14 -24.32 36.87	55.74
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	296.85 -17.63 -25.05 38.93	55.74
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	333.35 -19.57 -27.90 45.62	58.06
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	344.20 -20.11 -28.72 47.89	58.06
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	365.93 -21.20 -30.35 52.46	58.06
08 14 16 00-0314		1-3/8" Thick, Particleboard Core (PC), Wood Doors (08 14 16) Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0315		Birch Faced Wood Doors (08 14 16 00-0314)		
08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	264.42 -3.24 121.67 73.00 -15.78 -22.39	51.09
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	264.45 -3.25 121.69 73.01 -15.78 -22.39	51.09
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	277.60 -3.42 128.07 76.84 -16.55 -23.49	53.42
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	286.10 -3.59 134.45 80.67 -16.98 -24.13	53.42
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	291.29 -3.69 138.34 83.00 -17.24 -24.52	53.42
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	301.15 -3.79 142.25 85.35 -17.84 -25.37	55.74
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	321.95 -4.21 157.85 94.71 -18.88 -26.93	55.74
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	340.06 -4.48 167.95 100.77 -19.91 -28.41	58.06

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0324	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	273.87	51.09
			For 7 Ply Cold Press Construction, Deduct	-3.43	
			For Stave Lumber Core (SLC), Add	128.75	
			For Structural Composite Lumber Core (SCLC), Add	77.25	
			For >50 To 100, Deduct	-16.25	
			For >100, Deduct	-23.10	
08 14 16 00-0325	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	273.88	51.09
			For 7 Ply Cold Press Construction, Deduct	-3.43	
			For Stave Lumber Core (SLC), Add	128.76	
			For Structural Composite Lumber Core (SCLC), Add	77.26	
			For >50 To 100, Deduct	-16.25	
			For >100, Deduct	-23.10	
08 14 16 00-0326	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	287.53	53.42
			For 7 Ply Cold Press Construction, Deduct	-3.61	
			For Stave Lumber Core (SLC), Add	135.52	
			For Structural Composite Lumber Core (SCLC), Add	81.31	
			For >50 To 100, Deduct	-17.05	
			For >100, Deduct	-24.24	
08 14 16 00-0327	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	296.55	53.42
			For 7 Ply Cold Press Construction, Deduct	-3.79	
			For Stave Lumber Core (SLC), Add	142.28	
			For Structural Composite Lumber Core (SCLC), Add	85.37	
			For >50 To 100, Deduct	-17.50	
			For >100, Deduct	-24.91	
08 14 16 00-0328	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	302.04	53.42
			For 7 Ply Cold Press Construction, Deduct	-3.90	
			For Stave Lumber Core (SLC), Add	146.40	
			For Structural Composite Lumber Core (SCLC), Add	87.84	
			For >50 To 100, Deduct	-17.77	
			For >100, Deduct	-25.32	
08 14 16 00-0329	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	312.18	55.74
			For 7 Ply Cold Press Construction, Deduct	-4.01	
			For Stave Lumber Core (SLC), Add	150.53	
			For Structural Composite Lumber Core (SCLC), Add	90.32	
			For >50 To 100, Deduct	-18.40	
			For >100, Deduct	-26.20	
08 14 16 00-0330	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	334.21	55.74
			For 7 Ply Cold Press Construction, Deduct	-4.45	
			For Stave Lumber Core (SLC), Add	167.05	
			For Structural Composite Lumber Core (SCLC), Add	100.23	
			For >50 To 100, Deduct	-19.50	
			For >100, Deduct	-27.85	
08 14 16 00-0331	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	353.10	58.06
			For 7 Ply Cold Press Construction, Deduct	-4.74	
			For Stave Lumber Core (SLC), Add	177.73	
			For Structural Composite Lumber Core (SCLC), Add	106.64	
			For >50 To 100, Deduct	-20.56	
			For >100, Deduct	-29.39	
08 14 16 00-0332	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	307.35	51.09
			For 7 Ply Cold Press Construction, Deduct	-4.10	
			For Stave Lumber Core (SLC), Add	153.86	
			For Structural Composite Lumber Core (SCLC), Add	92.32	
			For >50 To 100, Deduct	-17.92	
			For >100, Deduct	-25.61	
			For 9' Door Height, Add	43.08	
08 14 16 00-0333	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	307.35	51.09
			For 7 Ply Cold Press Construction, Deduct	-4.10	
			For Stave Lumber Core (SLC), Add	153.86	
			For Structural Composite Lumber Core (SCLC), Add	92.32	
			For >50 To 100, Deduct	-17.92	
			For >100, Deduct	-25.61	
			For 9' Door Height, Add	43.08	
08 14 16 00-0334	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	322.77	53.42
			For 7 Ply Cold Press Construction, Deduct	-4.32	
			For Stave Lumber Core (SLC), Add	161.95	
			For Structural Composite Lumber Core (SCLC), Add	97.17	
			For >50 To 100, Deduct	-18.81	
			For >100, Deduct	-26.88	
			For 9' Door Height, Add	45.35	
08 14 16 00-0335	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	333.54	53.42
			For 7 Ply Cold Press Construction, Deduct	-4.53	
			For Stave Lumber Core (SLC), Add	170.03	
			For Structural Composite Lumber Core (SCLC), Add	102.02	
			For >50 To 100, Deduct	-19.35	
			For >100, Deduct	-27.69	
			For 9' Door Height, Add	47.61	
08 14 16 00-0336	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	340.10	53.42
			For 7 Ply Cold Press Construction, Deduct	-4.67	
			For Stave Lumber Core (SLC), Add	174.95	
			For Structural Composite Lumber Core (SCLC), Add	104.97	
			For >50 To 100, Deduct	-19.68	
			For >100, Deduct	-28.18	
			For 9' Door Height, Add	48.98	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0337	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	351.32 -4.80 179.88 107.93 -20.35 -29.14 50.37	55.74
08 14 16 00-0338	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	377.64 -5.32 199.62 119.77 -21.67 -31.11 55.89	55.74
08 14 16 00-0339	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	399.30 -5.66 212.38 127.43 -22.87 -32.85 59.47	58.06
08 14 16 00-0340 Oak Faced Wood Doors (08 14 16 00-0314)					
08 14 16 00-0341	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	302.38 -4.00 150.14 90.08 -17.67 -25.23	51.09
08 14 16 00-0342	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	302.38 -4.00 150.14 90.08 -17.67 -25.23	51.09
08 14 16 00-0343	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	317.55 -4.21 158.03 94.82 -18.55 -26.49	53.42
08 14 16 00-0344	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	328.06 -4.42 165.92 99.55 -19.07 -27.28	53.42
08 14 16 00-0345	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	334.46 -4.55 170.72 102.43 -19.39 -27.76	53.42
08 14 16 00-0346	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	345.53 -4.68 175.54 105.32 -20.06 -28.70	55.74
08 14 16 00-0347	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	371.21 -5.19 194.80 116.88 -21.35 -30.63	55.74
08 14 16 00-0348	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	392.45 -5.53 207.24 124.34 -22.53 -32.34	58.06
08 14 16 00-0349	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	314.02 -4.24 158.87 95.32 -18.26 -26.11	51.09
08 14 16 00-0350	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	314.02 -4.24 158.87 95.32 -18.26 -26.11	51.09

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0351	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	329.83 -4.46 167.24 100.35 -19.16 -27.41	53.42
08 14 16 00-0352	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	340.94 -4.68 175.58 105.35 -19.72 -28.24	53.42
08 14 16 00-0353	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	347.71 -4.82 180.65 108.39 -20.06 -28.75	53.42
08 14 16 00-0354	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	359.15 -4.95 185.75 111.45 -20.74 -29.72	55.74
08 14 16 00-0355	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	386.33 -5.50 206.14 123.68 -22.10 -31.76	55.74
08 14 16 00-0356	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	408.55 -5.85 219.32 131.59 -23.33 -33.54	58.06
08 14 16 00-0357	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	355.32 -5.06 189.84 113.90 -20.32 -29.20 53.16	51.09
08 14 16 00-0358	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	355.32 -5.06 189.84 113.90 -20.32 -29.20 53.16	51.09
08 14 16 00-0359	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	373.31 -5.33 199.85 119.91 -21.34 -30.67 55.96	53.42
08 14 16 00-0360	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	386.59 -5.60 209.81 125.89 -22.00 -31.67 58.75	53.42
08 14 16 00-0361	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	394.67 -5.76 215.87 129.52 -22.40 -32.27 60.44	53.42
08 14 16 00-0362	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	407.45 -5.92 221.98 133.19 -23.16 -33.35 62.15	55.74
08 14 16 00-0363	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	439.93 -6.57 246.34 147.80 -24.78 -35.78 68.97	55.74



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0364	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	465.57 -6.99 262.08 157.25 -26.18 -37.82 73.38	58.06
08 14 16 00-0365			Maple Faced Wood Doors (08 14 16 00-0314)		
08 14 16 00-0366	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	342.41 -4.80 180.16 108.09 -19.68 -28.24	51.09
08 14 16 00-0367	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	342.41 -4.80 180.16 108.09 -19.68 -28.24	51.09
08 14 16 00-0368	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	359.69 -5.06 189.64 113.78 -20.66 -29.65	53.42
08 14 16 00-0369	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	372.31 -5.31 199.10 119.46 -21.29 -30.59	53.42
08 14 16 00-0370	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	379.98 -5.46 204.86 122.91 -21.67 -31.17	53.42
08 14 16 00-0371	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	392.33 -5.62 210.64 126.38 -22.40 -32.21	55.74
08 14 16 00-0372	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	423.15 -6.23 233.75 140.25 -23.94 -34.52	55.74
08 14 16 00-0373	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	447.71 -6.63 248.69 149.21 -25.29 -36.48	58.06
08 14 16 00-0374	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	356.37 -5.08 190.63 114.38 -20.37 -29.28	51.09
08 14 16 00-0375	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	356.37 -5.08 190.63 114.38 -20.37 -29.28	51.09
08 14 16 00-0376	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	374.42 -5.35 200.69 120.41 -21.39 -30.75	53.42
08 14 16 00-0377	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	387.77 -5.62 210.70 126.42 -22.06 -31.75	53.42

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0378	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	395.88 -5.78 216.78 130.07 -22.47 -32.36	53.42
08 14 16 00-0379	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	408.69 -5.94 222.91 133.74 -23.22 -33.44	55.74
08 14 16 00-0380	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	441.30 -6.60 247.37 148.42 -24.85 -35.88	55.74
08 14 16 00-0381	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	467.02 -7.02 263.17 157.90 -26.25 -37.93	58.06
08 14 16 00-0382	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	405.94 -6.07 227.81 136.68 -22.85 -33.00 63.79	51.09
08 14 16 00-0383	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	405.94 -6.07 227.81 136.68 -22.85 -33.00 63.79	51.09
08 14 16 00-0384	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	426.60 -6.40 239.82 143.89 -24.00 -34.67 67.15	53.42
08 14 16 00-0385	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	442.53 -6.71 251.77 151.06 -24.80 -35.86 70.49	53.42
08 14 16 00-0386	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	452.25 -6.91 259.06 155.43 -25.28 -36.59 72.54	53.42
08 14 16 00-0387	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	466.64 -7.10 266.37 159.82 -26.12 -37.79 74.58	55.74
08 14 16 00-0388	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	505.62 -7.88 295.61 177.36 -28.07 -40.71 82.77	55.74
08 14 16 00-0389	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	535.45 -8.39 314.49 188.69 -29.68 -43.06 88.06	58.06
08 14 16 00-0390			Lauan Faced Wood Doors (08 14 16 00-0314)		
08 14 16 00-0391	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	223.02 -13.71 -19.28	51.09



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0392	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	223.02 -13.71 -19.28	51.09
08 14 16 00-0393	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	234.27 -14.38 -20.24	53.42
08 14 16 00-0394	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	240.93 -14.72 -20.74	53.42
08 14 16 00-0395	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	244.28 -14.89 -20.99	53.42
08 14 16 00-0396	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	252.29 -15.40 -21.71	55.74
08 14 16 00-0397	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	267.75 -16.17 -22.87	55.74
08 14 16 00-0398	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	284.65 -17.14 -24.25	58.06
08 14 16 00-0399	EA		2'-0" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	230.05 -14.06 -19.81	51.09
08 14 16 00-0400	EA		2'-4" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	230.05 -14.06 -19.81	51.09
08 14 16 00-0401	EA		2'-6" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	241.70 -14.76 -20.80	53.42
08 14 16 00-0402	EA		2'-8" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	248.74 -15.11 -21.33	53.42
08 14 16 00-0403	EA		2'-10" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	252.28 -15.29 -21.59	53.42
08 14 16 00-0404	EA		3'-0" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	260.47 -15.81 -22.32	55.74
08 14 16 00-0405	EA		3'-4" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	276.86 -16.63 -23.55	55.74
08 14 16 00-0406	EA		3'-6" x 7" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	294.44 -17.63 -24.99	58.06
08 14 16 00-0407	EA		2'-0" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	254.99 -15.30 -21.68	51.09
08 14 16 00-0408	EA		2'-4" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	254.99 -15.30 -21.68 32.09	51.09
08 14 16 00-0409	EA		2'-6" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	267.98 -16.07 -22.77 33.84	53.42
08 14 16 00-0410	EA		2'-8" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	276.41 -16.49 -23.40 35.61	53.42
08 14 16 00-0411	EA		2'-10" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	280.65 -16.70 -23.72 36.50	53.42
08 14 16 00-0412	EA		3'-0" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	289.53 -17.26 -24.50 37.39	55.74
08 14 16 00-0413	EA		3'-4" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	309.10 -18.24 -25.97 41.50	55.74
08 14 16 00-0414	EA		3'-6" x 8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	329.21 -19.36 -27.59 44.75	58.06
08 14 16 00-0415	Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0314)				
08 14 16 00-0416	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	238.64 102.33 61.40 -14.49 -20.45	51.09

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0417	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	238.64	51.09
			For Stave Lumber Core (SLC), Add	102.33	
			For Structural Composite Lumber Core (SCLC), Add	61.40	
			For >50 To 100, Deduct	-14.49	
			For >100, Deduct	-20.45	
08 14 16 00-0418	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	251.20	53.42
			For Stave Lumber Core (SLC), Add	108.27	
			For Structural Composite Lumber Core (SCLC), Add	64.96	
			For >50 To 100, Deduct	-15.23	
			For >100, Deduct	-21.51	
08 14 16 00-0419	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	259.11	53.42
			For Stave Lumber Core (SLC), Add	114.20	
			For Structural Composite Lumber Core (SCLC), Add	68.52	
			For >50 To 100, Deduct	-15.63	
			For >100, Deduct	-22.10	
08 14 16 00-0420	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	260.55	53.42
			For Stave Lumber Core (SLC), Add	115.28	
			For Structural Composite Lumber Core (SCLC), Add	69.17	
			For >50 To 100, Deduct	-15.70	
			For >100, Deduct	-22.21	
08 14 16 00-0421	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	266.67	55.74
			For Stave Lumber Core (SLC), Add	116.39	
			For Structural Composite Lumber Core (SCLC), Add	69.84	
			For >50 To 100, Deduct	-16.12	
			For >100, Deduct	-22.79	
08 14 16 00-0422	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	283.79	55.74
			For Stave Lumber Core (SLC), Add	129.23	
			For Structural Composite Lumber Core (SCLC), Add	77.54	
			For >50 To 100, Deduct	-16.98	
			For >100, Deduct	-24.07	
08 14 16 00-0423	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	319.65	58.06
			For Stave Lumber Core (SLC), Add	152.64	
			For Structural Composite Lumber Core (SCLC), Add	91.58	
			For >50 To 100, Deduct	-18.89	
			For >100, Deduct	-26.88	
08 14 16 00-0424	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	246.58	51.09
			For Stave Lumber Core (SLC), Add	108.29	
			For Structural Composite Lumber Core (SCLC), Add	64.97	
			For >50 To 100, Deduct	-14.88	
			For >100, Deduct	-21.05	
08 14 16 00-0425	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	246.59	51.09
			For Stave Lumber Core (SLC), Add	108.29	
			For Structural Composite Lumber Core (SCLC), Add	64.98	
			For >50 To 100, Deduct	-14.88	
			For >100, Deduct	-21.05	
08 14 16 00-0426	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	259.61	53.42
			For Stave Lumber Core (SLC), Add	114.58	
			For Structural Composite Lumber Core (SCLC), Add	68.75	
			For >50 To 100, Deduct	-15.65	
			For >100, Deduct	-22.14	
08 14 16 00-0427	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	267.97	53.42
			For Stave Lumber Core (SLC), Add	120.85	
			For Structural Composite Lumber Core (SCLC), Add	72.51	
			For >50 To 100, Deduct	-16.07	
			For >100, Deduct	-22.77	
08 14 16 00-0428	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	269.51	53.42
			For Stave Lumber Core (SLC), Add	122.00	
			For Structural Composite Lumber Core (SCLC), Add	73.20	
			For >50 To 100, Deduct	-16.15	
			For >100, Deduct	-22.88	
08 14 16 00-0429	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	275.70	55.74
			For Stave Lumber Core (SLC), Add	123.17	
			For Structural Composite Lumber Core (SCLC), Add	73.90	
			For >50 To 100, Deduct	-16.57	
			For >100, Deduct	-23.46	
08 14 16 00-0430	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	293.82	55.74
			For Stave Lumber Core (SLC), Add	136.76	
			For Structural Composite Lumber Core (SCLC), Add	82.05	
			For >50 To 100, Deduct	-17.48	
			For >100, Deduct	-24.82	
08 14 16 00-0431	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	331.51	58.06
			For Stave Lumber Core (SLC), Add	161.54	
			For Structural Composite Lumber Core (SCLC), Add	96.92	
			For >50 To 100, Deduct	-19.48	
			For >100, Deduct	-27.77	
08 14 16 00-0432	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	274.72	51.09
			For Stave Lumber Core (SLC), Add	129.39	
			For Structural Composite Lumber Core (SCLC), Add	77.63	
			For >50 To 100, Deduct	-16.29	
			For >100, Deduct	-23.16	
			For 9' Door Height, Add	36.23	
08 14 16 00-0433	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	274.75	51.09
			For Stave Lumber Core (SLC), Add	129.41	
			For Structural Composite Lumber Core (SCLC), Add	77.65	
			For >50 To 100, Deduct	-16.29	
			For >100, Deduct	-23.16	
			For 9' Door Height, Add	36.24	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	289.40 136.92 82.15 -17.14 -24.38 38.34	53.42
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	299.38 144.41 86.64 -17.64 -25.12 40.43	53.42
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	301.22 145.79 87.47 -17.73 -25.26 40.82	53.42
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	307.73 147.19 88.31 -18.17 -25.87 41.21	55.74
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	329.38 163.43 98.06 -19.26 -27.49 45.76	55.74
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	373.51 193.04 115.82 -21.58 -30.92 54.05	58.06
08 14 16 00-0440		1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16) Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0441		Birch Faced Wood Doors (08 14 16 00-0440)		
08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	299.66 -3.95 148.10 88.86 23.70 106.63 148.10 236.95 -17.54 -25.03	51.09
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	299.66 -3.95 148.10 88.86 23.70 106.63 148.10 236.95 -17.54 -25.03	51.09
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	293.90 -3.74 140.30 84.18 22.45 101.01 140.30 224.47 -17.37 -24.71	53.42
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	301.70 -3.90 146.15 87.69 23.38 105.22 146.15 233.83 -17.76 -25.30	53.42

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0446	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	306.91 -4.00 150.05 90.03 24.01 108.04 150.05 240.08 -18.02 -25.69	53.42
08 14 16 00-0447	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	316.74 -4.11 153.95 92.37 24.63 110.84 153.95 246.31 -18.62 -26.54	55.74
08 14 16 00-0448	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	339.31 -4.56 170.87 102.52 27.34 123.03 170.87 273.40 -19.75 -28.24	55.74
08 14 16 00-0449	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	392.74 -5.53 207.46 124.47 33.19 149.37 207.46 331.93 -22.54 -32.36	58.06
08 14 16 00-0450	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	406.57 -5.81 217.83 130.70 34.85 156.84 217.83 348.53 -23.23 -33.40	58.06
08 14 16 00-0451	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	443.52 -6.36 238.58 143.15 38.17 171.77 238.58 381.72 -25.31 -36.40	62.71
08 14 16 00-0452	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	290.32 -3.76 141.09 84.65 22.57 101.58 141.09 225.74 -17.07 -24.33	51.09
08 14 16 00-0453	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	290.32 -3.76 141.09 84.65 22.57 101.58 141.09 225.74 -17.07 -24.33	51.09



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0454	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	304.79 -3.96 148.46 89.08 23.75 106.89 148.46 237.54 -17.91 -25.53	53.42
08 14 16 00-0455	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	313.04 -4.12 154.65 92.79 24.74 111.35 154.65 247.44 -18.32 -26.15	53.42
08 14 16 00-0456	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	318.55 -4.23 158.78 95.27 25.41 114.32 158.78 254.05 -18.60 -26.56	53.42
08 14 16 00-0457	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	328.68 -4.34 162.90 97.74 26.06 117.29 162.90 260.64 -19.22 -27.44	55.74
08 14 16 00-0458	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	352.57 -4.82 180.82 108.49 28.93 130.19 180.82 289.31 -20.42 -29.23	55.74
08 14 16 00-0459	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	408.85 -5.85 219.54 131.72 35.13 158.07 219.54 351.26 -23.35 -33.57	58.06
08 14 16 00-0460	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	423.48 -6.15 230.51 138.31 36.88 165.97 230.51 368.82 -24.08 -34.66	58.06
08 14 16 00-0461	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	462.03 -6.73 252.46 151.47 40.39 181.77 252.46 403.93 -26.24 -37.79	62.71

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 14 16 00-0462	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	351.89		51.09
	For 7 Ply Cold Press Construction, Deduct	-4.99		
	For Stave Lumber Core (SLC), Add	187.27		
	For Structural Composite Lumber Core (SCLC), Add	112.36		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.96		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	134.83		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	187.27		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	299.63		
	For >50 To 100, Deduct	-20.15		
	For >100, Deduct	-28.95		
	For 9' Door Height, Add	52.43		
08 14 16 00-0463	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	351.89		51.09
	For 7 Ply Cold Press Construction, Deduct	-4.99		
	For Stave Lumber Core (SLC), Add	187.27		
	For Structural Composite Lumber Core (SCLC), Add	112.36		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.96		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	134.83		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	187.27		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	299.63		
	For >50 To 100, Deduct	-20.15		
	For >100, Deduct	-28.95		
	For 9' Door Height, Add	52.43		
08 14 16 00-0464	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	343.39		53.42
	For 7 Ply Cold Press Construction, Deduct	-4.73		
	For Stave Lumber Core (SLC), Add	177.41		
	For Structural Composite Lumber Core (SCLC), Add	106.45		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.39		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	127.74		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	177.41		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	283.86		
	For >50 To 100, Deduct	-19.84		
	For >100, Deduct	-28.43		
	For 9' Door Height, Add	49.68		
08 14 16 00-0465	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	353.24		53.42
	For 7 Ply Cold Press Construction, Deduct	-4.93		
	For Stave Lumber Core (SLC), Add	184.80		
	For Structural Composite Lumber Core (SCLC), Add	110.88		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.57		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	133.06		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	184.80		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	295.68		
	For >50 To 100, Deduct	-20.33		
	For >100, Deduct	-29.16		
	For 9' Door Height, Add	51.74		
08 14 16 00-0466	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	359.83		53.42
	For 7 Ply Cold Press Construction, Deduct	-5.06		
	For Stave Lumber Core (SLC), Add	189.74		
	For Structural Composite Lumber Core (SCLC), Add	113.85		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.36		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	136.61		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	189.74		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	303.59		
	For >50 To 100, Deduct	-20.66		
	For >100, Deduct	-29.66		
	For 9' Door Height, Add	53.13		
08 14 16 00-0467	EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	371.02		55.74
	For 7 Ply Cold Press Construction, Deduct	-5.19		
	For Stave Lumber Core (SLC), Add	194.66		
	For Structural Composite Lumber Core (SCLC), Add	116.79		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.14		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	140.15		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	194.66		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	311.45		
	For >50 To 100, Deduct	-21.34		
	For >100, Deduct	-30.61		
	For 9' Door Height, Add	54.50		
08 14 16 00-0468	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	399.58		55.74
	For 7 Ply Cold Press Construction, Deduct	-5.76		
	For Stave Lumber Core (SLC), Add	216.08		
	For Structural Composite Lumber Core (SCLC), Add	129.65		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.57		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.57		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.08		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.72		
	For >50 To 100, Deduct	-22.77		
	For >100, Deduct	-32.76		
	For 9' Door Height, Add	60.50		



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	
08 14 16 00-0469	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	465.91 -7.00 262.34 157.40 41.97 188.88 262.34 419.74 -26.20 -37.85 73.45		58.06
08 14 16 00-0470	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	483.40 -7.35 275.45 165.27 44.07 198.33 275.45 440.72 -27.07 -39.16 77.13		58.06
08 14 16 00-0471	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	527.67 -8.05 301.69 181.01 48.27 217.22 301.69 482.70 -29.52 -42.71 84.47		62.71
08 14 16 00-0472	Oak Faced Wood Doors (08 14 16 00-0440)			
08 14 16 00-0473	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	368.91 -5.33 200.03 120.02 32.01 144.02 200.03 320.05 -21.00 -30.22		51.09
08 14 16 00-0474	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	368.91 -5.33 200.03 120.02 32.01 144.02 200.03 320.05 -21.00 -30.22		51.09
08 14 16 00-0475	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	373.55 -5.33 200.03 120.02 32.01 144.02 200.03 320.05 -21.35 -30.69		53.42
08 14 16 00-0476	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	376.29 -5.39 202.09 121.25 32.33 145.50 202.09 323.34 -21.49 -30.89		53.42
08 14 16 00-0477	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	377.53 -5.41 203.02 121.81 32.48 146.17 203.02 324.83 -21.55 -30.99		53.42

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0478	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	383.40	55.74
			For 7 Ply Cold Press Construction, Deduct	-5.44	
			For Stave Lumber Core (SLC), Add	203.94	
			For Structural Composite Lumber Core (SCLC), Add	122.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.63	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	146.84	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	203.94	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	326.30	
			For >50 To 100, Deduct	-21.96	
			For >100, Deduct	-31.54	
08 14 16 00-0479	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	413.27	55.74
			For 7 Ply Cold Press Construction, Deduct	-6.04	
			For Stave Lumber Core (SLC), Add	226.34	
			For Structural Composite Lumber Core (SCLC), Add	135.81	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.21	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	162.97	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	226.34	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	362.15	
			For >50 To 100, Deduct	-23.45	
			For >100, Deduct	-33.78	
08 14 16 00-0480	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	494.83	58.06
			For 7 Ply Cold Press Construction, Deduct	-7.57	
			For Stave Lumber Core (SLC), Add	284.03	
			For Structural Composite Lumber Core (SCLC), Add	170.42	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.44	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	204.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	284.03	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	454.44	
			For >50 To 100, Deduct	-27.64	
			For >100, Deduct	-40.02	
08 14 16 00-0481	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	514.03	58.06
			For 7 Ply Cold Press Construction, Deduct	-7.96	
			For Stave Lumber Core (SLC), Add	298.43	
			For Structural Composite Lumber Core (SCLC), Add	179.06	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	214.87	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	298.43	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	477.48	
			For >50 To 100, Deduct	-28.60	
			For >100, Deduct	-41.46	
08 14 16 00-0482	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	560.94	62.71
			For 7 Ply Cold Press Construction, Deduct	-8.71	
			For Stave Lumber Core (SLC), Add	326.64	
			For Structural Composite Lumber Core (SCLC), Add	195.98	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.26	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	235.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	326.64	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	522.62	
			For >50 To 100, Deduct	-31.18	
			For >100, Deduct	-45.21	
08 14 16 00-0483	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	384.42	51.09
			For 7 Ply Cold Press Construction, Deduct	-5.64	
			For Stave Lumber Core (SLC), Add	211.67	
			For Structural Composite Lumber Core (SCLC), Add	127.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.87	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	152.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	211.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	338.66	
			For >50 To 100, Deduct	-21.78	
			For >100, Deduct	-31.39	
08 14 16 00-0484	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	384.42	51.09
			For 7 Ply Cold Press Construction, Deduct	-5.64	
			For Stave Lumber Core (SLC), Add	211.67	
			For Structural Composite Lumber Core (SCLC), Add	127.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.87	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	152.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	211.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	338.66	
			For >50 To 100, Deduct	-21.78	
			For >100, Deduct	-31.39	
08 14 16 00-0485	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	389.06	53.42
			For 7 Ply Cold Press Construction, Deduct	-5.64	
			For Stave Lumber Core (SLC), Add	211.67	
			For Structural Composite Lumber Core (SCLC), Add	127.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.87	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	152.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	211.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	338.66	
			For >50 To 100, Deduct	-22.12	
			For >100, Deduct	-31.85	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0486	EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	391.96 -5.70 213.84 128.30 34.21 153.96 213.84 342.14 -22.27 -32.07		53.42
08 14 16 00-0487	EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	393.28 -5.73 214.83 128.90 34.37 154.68 214.83 343.73 -22.34 -32.17		53.42
08 14 16 00-0488	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	399.23 -5.76 215.81 129.49 34.53 155.39 215.81 345.30 -22.75 -32.73		55.74
08 14 16 00-0489	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	430.84 -6.39 239.52 143.71 38.32 172.45 239.52 383.23 -24.33 -35.10		55.74
08 14 16 00-0490	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	516.88 -8.02 300.56 180.34 48.09 216.41 300.56 480.90 -28.75 -41.67		58.06
08 14 16 00-0491	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	537.19 -8.42 315.80 189.48 50.53 227.37 315.80 505.27 -29.76 -43.19		58.06
08 14 16 00-0492	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	586.27 -9.22 345.64 207.38 55.30 248.86 345.64 553.02 -32.45 -47.11		62.71
08 14 16 00-0493	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	439.44 -6.74 252.93 151.76 40.47 182.11 252.93 404.69 -24.53 -35.51 70.82		51.09

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0494	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....439.44		51.09
			For 7 Ply Cold Press Construction, Deduct	-6.74	
			For Stave Lumber Core (SLC), Add	252.93	
			For Structural Composite Lumber Core (SCLC), Add	151.76	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.47	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	252.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	404.69	
			For >50 To 100, Deduct	-24.53	
			For >100, Deduct	-35.51	
			For 9' Door Height, Add	70.82	
08 14 16 00-0495	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....444.08		53.42
			For 7 Ply Cold Press Construction, Deduct	-6.74	
			For Stave Lumber Core (SLC), Add	252.93	
			For Structural Composite Lumber Core (SCLC), Add	151.76	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.47	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	252.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	404.69	
			For >50 To 100, Deduct	-24.88	
			For >100, Deduct	-35.98	
			For 9' Door Height, Add	70.82	
08 14 16 00-0496	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....447.56		53.42
			For 7 Ply Cold Press Construction, Deduct	-6.81	
			For Stave Lumber Core (SLC), Add	255.54	
			For Structural Composite Lumber Core (SCLC), Add	153.32	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.89	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	183.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	255.54	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	408.86	
			For >50 To 100, Deduct	-25.05	
			For >100, Deduct	-36.24	
			For 9' Door Height, Add	71.55	
08 14 16 00-0497	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....449.14		53.42
			For 7 Ply Cold Press Construction, Deduct	-6.85	
			For Stave Lumber Core (SLC), Add	256.73	
			For Structural Composite Lumber Core (SCLC), Add	154.04	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.08	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	184.84	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	256.73	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	410.76	
			For >50 To 100, Deduct	-25.13	
			For >100, Deduct	-36.36	
			For 9' Door Height, Add	71.88	
08 14 16 00-0498	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....455.34		55.74
			For 7 Ply Cold Press Construction, Deduct	-6.88	
			For Stave Lumber Core (SLC), Add	257.90	
			For Structural Composite Lumber Core (SCLC), Add	154.74	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.26	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	185.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	257.90	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	412.63	
			For >50 To 100, Deduct	-25.55	
			For >100, Deduct	-36.94	
			For 9' Door Height, Add	72.21	
08 14 16 00-0499	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....493.11		55.74
			For 7 Ply Cold Press Construction, Deduct	-7.63	
			For Stave Lumber Core (SLC), Add	286.22	
			For Structural Composite Lumber Core (SCLC), Add	171.73	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.80	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	206.08	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	286.22	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	457.96	
			For >50 To 100, Deduct	-27.44	
			For >100, Deduct	-39.77	
			For 9' Door Height, Add	80.14	
08 14 16 00-0500	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....595.03		58.06
			For 7 Ply Cold Press Construction, Deduct	-9.58	
			For Stave Lumber Core (SLC), Add	359.18	
			For Structural Composite Lumber Core (SCLC), Add	215.51	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	57.47	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	258.61	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	359.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	574.68	
			For >50 To 100, Deduct	-32.65	
			For >100, Deduct	-47.53	
			For 9' Door Height, Add	100.57	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0501	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	619.28 -10.06 377.36 226.42 60.38 271.70 377.36 603.78 -33.87 -49.35 105.66	58.06
08 14 16 00-0502	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	676.14 -11.01 413.04 247.82 66.09 297.39 413.04 660.86 -36.94 -53.85 115.65	62.71
08 14 16 00-0503 Maple Faced Wood Doors (08 14 16 00-0440)					
08 14 16 00-0504	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	422.25 -6.40 240.04 144.02 38.41 172.83 240.04 384.06 -23.67 -34.22	51.09
08 14 16 00-0505	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	422.25 -6.40 240.04 144.02 38.41 172.83 240.04 384.06 -23.67 -34.22	51.09
08 14 16 00-0506	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	426.89 -6.40 240.04 144.02 38.41 172.83 240.04 384.06 -24.02 -34.69	53.42
08 14 16 00-0507	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	430.18 -6.47 242.51 145.50 38.80 174.60 242.51 388.01 -24.18 -34.93	53.42
08 14 16 00-0508	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	431.65 -6.50 243.61 146.16 38.98 175.40 243.61 389.77 -24.25 -35.04	53.42
08 14 16 00-0509	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	437.79 -6.53 244.73 146.84 39.16 176.21 244.73 391.57 -24.68 -35.62	55.74

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0510	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	473.64	55.74
			For 7 Ply Cold Press Construction, Deduct	-7.24	
			For Stave Lumber Core (SLC), Add	271.62	
			For Structural Composite Lumber Core (SCLC), Add	162.97	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.46	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	195.57	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	271.62	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	434.59	
			For >50 To 100, Deduct	-26.47	
			For >100, Deduct	-38.31	
08 14 16 00-0511	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	547.85	58.06
			For 7 Ply Cold Press Construction, Deduct	-8.63	
			For Stave Lumber Core (SLC), Add	323.79	
			For Structural Composite Lumber Core (SCLC), Add	194.27	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.81	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	233.13	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	323.79	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	518.06	
			For >50 To 100, Deduct	-30.30	
			For >100, Deduct	-43.99	
08 14 16 00-0512	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	593.29	58.06
			For 7 Ply Cold Press Construction, Deduct	-9.54	
			For Stave Lumber Core (SLC), Add	357.87	
			For Structural Composite Lumber Core (SCLC), Add	214.72	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	57.26	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	257.67	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	357.87	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	572.59	
			For >50 To 100, Deduct	-32.57	
			For >100, Deduct	-47.40	
08 14 16 00-0513	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	638.77	58.06
			For 7 Ply Cold Press Construction, Deduct	-10.45	
			For Stave Lumber Core (SLC), Add	391.98	
			For Structural Composite Lumber Core (SCLC), Add	235.19	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	62.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	282.23	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	391.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	627.17	
			For >50 To 100, Deduct	-34.84	
			For >100, Deduct	-50.81	
08 14 16 00-0514	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	440.87	51.09
			For 7 Ply Cold Press Construction, Deduct	-6.77	
			For Stave Lumber Core (SLC), Add	254.00	
			For Structural Composite Lumber Core (SCLC), Add	152.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.64	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.88	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	254.00	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	406.40	
			For >50 To 100, Deduct	-24.60	
			For >100, Deduct	-35.62	
08 14 16 00-0515	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	440.87	51.09
			For 7 Ply Cold Press Construction, Deduct	-6.77	
			For Stave Lumber Core (SLC), Add	254.00	
			For Structural Composite Lumber Core (SCLC), Add	152.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.64	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.88	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	254.00	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	406.40	
			For >50 To 100, Deduct	-24.60	
			For >100, Deduct	-35.62	
08 14 16 00-0516	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	445.51	53.42
			For 7 Ply Cold Press Construction, Deduct	-6.77	
			For Stave Lumber Core (SLC), Add	254.00	
			For Structural Composite Lumber Core (SCLC), Add	152.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.64	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.88	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	254.00	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	406.40	
			For >50 To 100, Deduct	-24.95	
			For >100, Deduct	-36.08	
08 14 16 00-0517	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	448.98	53.42
			For 7 Ply Cold Press Construction, Deduct	-6.84	
			For Stave Lumber Core (SLC), Add	256.61	
			For Structural Composite Lumber Core (SCLC), Add	153.96	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	184.76	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	256.61	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	410.57	
			For >50 To 100, Deduct	-25.12	
			For >100, Deduct	-36.34	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	450.56 -6.87 257.79 154.67 41.25 185.61 257.79 412.46 -25.20 -36.46	53.42
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	456.78 -6.91 258.98 155.39 41.44 186.46 258.98 414.36 -25.63 -37.05	55.74
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	494.71 -7.66 287.42 172.45 45.99 206.94 287.42 459.88 -27.52 -39.89	55.74
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	572.98 -9.14 342.64 205.58 54.82 246.70 342.64 548.22 -31.55 -45.88	58.06
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	621.07 -10.10 378.71 227.22 60.59 272.67 378.71 605.93 -33.96 -49.48	58.06
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	669.20 -11.06 414.80 248.88 66.37 298.66 414.80 663.68 -36.36 -53.09	58.06
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	506.90 -8.09 303.53 182.12 48.56 218.54 303.53 485.64 -27.90 -40.57 84.99	51.09
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	506.90 -8.09 303.53 182.12 48.56 218.54 303.53 485.64 -27.90 -40.57 84.99	51.09

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	511.54	53.42
		For 7 Ply Cold Press Construction, Deduct	-8.09	
		For Stave Lumber Core (SLC), Add	303.53	
		For Structural Composite Lumber Core (SCLC), Add	182.12	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.56	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	218.54	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	303.53	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	485.64	
		For >50 To 100, Deduct	-28.25	
		For >100, Deduct	-41.04	
		For 9' Door Height, Add	84.99	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	515.70	53.42
		For 7 Ply Cold Press Construction, Deduct	-8.18	
		For Stave Lumber Core (SLC), Add	306.65	
		For Structural Composite Lumber Core (SCLC), Add	183.99	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.06	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	306.65	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	490.63	
		For >50 To 100, Deduct	-28.46	
		For >100, Deduct	-41.35	
		For 9' Door Height, Add	85.86	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	517.60	53.42
		For 7 Ply Cold Press Construction, Deduct	-8.22	
		For Stave Lumber Core (SLC), Add	308.07	
		For Structural Composite Lumber Core (SCLC), Add	184.84	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.29	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	221.81	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	308.07	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	492.91	
		For >50 To 100, Deduct	-28.55	
		For >100, Deduct	-41.49	
		For 9' Door Height, Add	86.26	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	524.11	55.74
		For 7 Ply Cold Press Construction, Deduct	-8.25	
		For Stave Lumber Core (SLC), Add	309.47	
		For Structural Composite Lumber Core (SCLC), Add	185.68	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.52	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	222.82	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	309.47	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	495.16	
		For >50 To 100, Deduct	-28.99	
		For >100, Deduct	-42.10	
		For 9' Door Height, Add	86.65	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	569.44	55.74
		For 7 Ply Cold Press Construction, Deduct	-9.16	
		For Stave Lumber Core (SLC), Add	343.47	
		For Structural Composite Lumber Core (SCLC), Add	206.08	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	54.96	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	247.30	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	343.47	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	549.55	
		For >50 To 100, Deduct	-31.26	
		For >100, Deduct	-45.50	
		For 9' Door Height, Add	96.17	
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	662.06	58.06
		For 7 Ply Cold Press Construction, Deduct	-10.92	
		For Stave Lumber Core (SLC), Add	409.45	
		For Structural Composite Lumber Core (SCLC), Add	245.67	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	65.51	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	294.80	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	409.45	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	655.12	
		For >50 To 100, Deduct	-36.01	
		For >100, Deduct	-52.56	
		For 9' Door Height, Add	114.65	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	719.53	58.06
		For 7 Ply Cold Press Construction, Deduct	-12.07	
		For Stave Lumber Core (SLC), Add	452.55	
		For Structural Composite Lumber Core (SCLC), Add	271.53	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	72.41	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	325.84	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	452.55	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	724.08	
		For >50 To 100, Deduct	-38.88	
		For >100, Deduct	-56.87	
		For 9' Door Height, Add	126.71	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	777.03 -13.22 495.68 297.41 79.31 356.89 495.68 793.08 -41.75 -61.18 138.79	58.06
08 14 16 00-0534 Walnut Faced Wood Doors (08 14 16 00-0440)				
08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	511.40 -8.18 306.90 184.14 49.10 220.97 306.90 491.04 -28.13 -40.91	51.09
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	511.40 -8.18 306.90 184.14 49.10 220.97 306.90 491.04 -28.13 -40.91	51.09
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	516.17 -8.19 307.00 184.20 49.12 221.04 307.00 491.20 -28.48 -41.38	53.42
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	520.39 -8.27 310.16 186.10 49.63 223.32 310.16 496.26 -28.69 -41.70	53.42
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	531.42 -8.49 318.44 191.06 50.95 229.27 318.44 509.50 -29.24 -42.53	53.42
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	547.07 -8.71 326.69 196.02 52.27 235.22 326.69 522.71 -30.14 -43.82	55.74
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	575.68 -9.28 348.15 208.89 55.70 250.67 348.15 557.04 -31.57 -45.96	55.74

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0542	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....701.07		58.06
			For 7 Ply Cold Press Construction, Deduct	-11.70	
			For Stave Lumber Core (SLC), Add	438.71	
			For Structural Composite Lumber Core (SCLC), Add	263.22	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	70.19	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	315.87	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	438.71	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	701.93	
			For >50 To 100, Deduct	-37.96	
			For >100, Deduct	-55.48	
08 14 16 00-0543	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....730.30		58.06
			For 7 Ply Cold Press Construction, Deduct	-12.28	
			For Stave Lumber Core (SLC), Add	460.63	
			For Structural Composite Lumber Core (SCLC), Add	276.38	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	73.70	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	331.65	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	460.63	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	737.00	
			For >50 To 100, Deduct	-39.42	
			For >100, Deduct	-57.68	
08 14 16 00-0544	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....788.83		58.06
			For 7 Ply Cold Press Construction, Deduct	-13.45	
			For Stave Lumber Core (SLC), Add	504.53	
			For Structural Composite Lumber Core (SCLC), Add	302.72	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	80.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	363.26	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	504.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	807.24	
			For >50 To 100, Deduct	-42.34	
			For >100, Deduct	-62.07	
08 14 16 00-0545	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....535.21		51.09
			For 7 Ply Cold Press Construction, Deduct	-8.66	
			For Stave Lumber Core (SLC), Add	324.76	
			For Structural Composite Lumber Core (SCLC), Add	194.85	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.96	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	233.83	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	324.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	519.61	
			For >50 To 100, Deduct	-29.32	
			For >100, Deduct	-42.70	
08 14 16 00-0546	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....535.21		51.09
			For 7 Ply Cold Press Construction, Deduct	-8.66	
			For Stave Lumber Core (SLC), Add	324.76	
			For Structural Composite Lumber Core (SCLC), Add	194.85	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.96	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	233.83	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	324.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	519.61	
			For >50 To 100, Deduct	-29.32	
			For >100, Deduct	-42.70	
08 14 16 00-0547	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....539.98		53.42
			For 7 Ply Cold Press Construction, Deduct	-8.66	
			For Stave Lumber Core (SLC), Add	324.86	
			For Structural Composite Lumber Core (SCLC), Add	194.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.98	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	233.90	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	324.86	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	519.77	
			For >50 To 100, Deduct	-29.67	
			For >100, Deduct	-43.17	
08 14 16 00-0548	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....544.46		53.42
			For 7 Ply Cold Press Construction, Deduct	-8.75	
			For Stave Lumber Core (SLC), Add	328.22	
			For Structural Composite Lumber Core (SCLC), Add	196.93	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.51	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.31	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.22	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	525.14	
			For >50 To 100, Deduct	-29.89	
			For >100, Deduct	-43.51	
08 14 16 00-0549	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....556.13		53.42
			For 7 Ply Cold Press Construction, Deduct	-8.99	
			For Stave Lumber Core (SLC), Add	336.97	
			For Structural Composite Lumber Core (SCLC), Add	202.18	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.91	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	242.62	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	336.97	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	539.15	
			For >50 To 100, Deduct	-30.48	
			For >100, Deduct	-44.38	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0550 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	572.41 -9.22 345.70 207.42 55.31 248.90 345.70 553.12 -31.41 -45.72	55.74
08 14 16 00-0551 EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	602.70 -9.82 368.42 221.05 58.95 265.26 368.42 589.46 -32.92 -47.99	55.74
08 14 16 00-0552 EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	735.10 -12.38 464.23 278.54 74.28 334.24 464.23 742.76 -39.66 -58.04	58.06
08 14 16 00-0553 EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	766.04 -13.00 487.43 292.46 77.99 350.95 487.43 779.89 -41.21 -60.36	58.06
08 14 16 00-0554 EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	827.97 -14.24 533.88 320.33 85.42 384.39 533.88 854.21 -44.30 -65.00	58.06
08 14 16 00-0555 EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	619.66 -10.35 388.10 232.86 62.10 279.43 388.10 620.95 -33.54 -49.03 108.67	51.09
08 14 16 00-0556 EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	619.66 -10.35 388.10 232.86 62.10 279.43 388.10 620.95 -33.54 -49.03 108.67	51.09
08 14 16 00-0557 EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	624.45 -10.35 388.21 232.92 62.11 279.51 388.21 621.13 -33.89 -49.50 108.70	53.42

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	629.80	53.42
		For 7 Ply Cold Press Construction, Deduct	-10.46	
		For Stave Lumber Core (SLC), Add	392.22	
		For Structural Composite Lumber Core (SCLC), Add	235.33	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	62.76	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	282.40	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	392.22	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	627.55	
		For >50 To 100, Deduct	-34.16	
		For >100, Deduct	-49.91	
		For 9' Door Height, Add	109.82	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	643.73	53.42
		For 7 Ply Cold Press Construction, Deduct	-10.74	
		For Stave Lumber Core (SLC), Add	402.67	
		For Structural Composite Lumber Core (SCLC), Add	241.60	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	64.43	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	289.92	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	402.67	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	644.27	
		For >50 To 100, Deduct	-34.86	
		For >100, Deduct	-50.95	
		For 9' Door Height, Add	112.75	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	662.31	55.74
		For 7 Ply Cold Press Construction, Deduct	-11.02	
		For Stave Lumber Core (SLC), Add	413.12	
		For Structural Composite Lumber Core (SCLC), Add	247.87	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	66.10	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	297.45	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	413.12	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	661.00	
		For >50 To 100, Deduct	-35.90	
		For >100, Deduct	-52.46	
		For 9' Door Height, Add	115.67	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	698.50	55.74
		For 7 Ply Cold Press Construction, Deduct	-11.74	
		For Stave Lumber Core (SLC), Add	440.27	
		For Structural Composite Lumber Core (SCLC), Add	264.16	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	70.44	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	316.99	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	440.27	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	704.42	
		For >50 To 100, Deduct	-37.71	
		For >100, Deduct	-55.17	
		For 9' Door Height, Add	123.27	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	855.81	58.06
		For 7 Ply Cold Press Construction, Deduct	-14.79	
		For Stave Lumber Core (SLC), Add	554.76	
		For Structural Composite Lumber Core (SCLC), Add	332.86	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	88.76	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	399.43	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	554.76	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	887.62	
		For >50 To 100, Deduct	-45.69	
		For >100, Deduct	-67.09	
		For 9' Door Height, Add	155.33	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	892.79	58.06
		For 7 Ply Cold Press Construction, Deduct	-15.53	
		For Stave Lumber Core (SLC), Add	582.50	
		For Structural Composite Lumber Core (SCLC), Add	349.50	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	93.20	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	419.40	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	582.50	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	931.99	
		For >50 To 100, Deduct	-47.54	
		For >100, Deduct	-69.86	
		For 9' Door Height, Add	163.10	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	966.77	58.06
		For 7 Ply Cold Press Construction, Deduct	-17.01	
		For Stave Lumber Core (SLC), Add	637.98	
		For Structural Composite Lumber Core (SCLC), Add	382.79	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	102.08	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	459.35	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	637.98	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,020.77	
		For >50 To 100, Deduct	-51.24	
		For >100, Deduct	-75.41	
		For 9' Door Height, Add	178.63	
08 14 16 00-0565		Lauan Faced Wood Doors (08 14 16 00-0440)		
08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	266.66	51.09
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	19.74	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	88.81	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	123.35	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	197.35	
		For >50 To 100, Deduct	-15.89	
		For >100, Deduct	-22.55	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0567 EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	266.66 19.74 88.81 123.35 197.35 -15.89 -22.55	51.09
08 14 16 00-0568 EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	271.77 19.79 89.06 123.70 197.92 -16.26 -23.05	53.42
08 14 16 00-0569 EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	276.52 20.36 91.63 127.26 203.62 -16.50 -23.41	53.42
08 14 16 00-0570 EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	278.23 20.57 92.55 128.54 205.67 -16.58 -23.54	53.42
08 14 16 00-0571 EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	284.58 20.77 93.47 129.83 207.72 -17.02 -24.13	55.74
08 14 16 00-0572 EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	300.23 22.65 101.93 141.56 226.50 -17.80 -25.30	55.74
08 14 16 00-0573 EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	318.33 24.26 109.19 151.65 242.64 -18.82 -26.78	58.06
08 14 16 00-0574 EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	328.45 25.48 114.65 159.24 254.78 -19.33 -27.54	58.06
08 14 16 00-0575 EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	348.68 27.91 125.58 174.41 279.06 -20.34 -29.05	58.06
08 14 16 00-0576 EA 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	276.22 20.88 93.97 130.52 208.82 -16.37 -23.27	51.09
08 14 16 00-0577 EA 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	276.22 20.88 93.97 130.52 208.82 -16.37 -23.27	51.09
08 14 16 00-0578 EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	281.37 20.94 94.25 130.90 209.44 -16.74 -23.77	53.42

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0579	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	286.38	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.54	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	96.95	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	134.66	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	215.45	
			For >50 To 100, Deduct	-16.99	
			For >100, Deduct	-24.15	
08 14 16 00-0580	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	288.21	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.76	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	97.94	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.03	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	217.64	
			For >50 To 100, Deduct	-17.08	
			For >100, Deduct	-24.29	
08 14 16 00-0581	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	294.65	55.74
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.98	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	98.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	137.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	219.80	
			For >50 To 100, Deduct	-17.52	
			For >100, Deduct	-24.89	
08 14 16 00-0582	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	311.21	55.74
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.97	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	107.85	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	149.80	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	239.68	
			For >50 To 100, Deduct	-18.35	
			For >100, Deduct	-26.13	
08 14 16 00-0583	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	330.11	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.68	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	115.55	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	160.49	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	256.78	
			For >50 To 100, Deduct	-19.41	
			For >100, Deduct	-27.66	
08 14 16 00-0584	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	340.80	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.96	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	121.32	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	168.50	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	269.60	
			For >50 To 100, Deduct	-19.94	
			For >100, Deduct	-28.46	
08 14 16 00-0585	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	362.22	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.53	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	132.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	184.57	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	295.31	
			For >50 To 100, Deduct	-21.01	
			For >100, Deduct	-30.07	
08 14 16 00-0586	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	310.15	51.09
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.95	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	112.29	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	155.96	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	249.54	
			For >50 To 100, Deduct	-18.06	
			For >100, Deduct	-25.82	
			For 9' Door Height, Add	43.67	
08 14 16 00-0587	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	310.15	51.09
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.95	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	112.29	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	155.96	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	249.54	
			For >50 To 100, Deduct	-18.06	
			For >100, Deduct	-25.82	
			For 9' Door Height, Add	43.67	
08 14 16 00-0588	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	315.39	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.03	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	112.62	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	156.41	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	250.26	
			For >50 To 100, Deduct	-18.44	
			For >100, Deduct	-26.33	
			For 9' Door Height, Add	43.80	
08 14 16 00-0589	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	321.40	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	115.86	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	160.92	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	257.47	
			For >50 To 100, Deduct	-18.74	
			For >100, Deduct	-26.78	
			For 9' Door Height, Add	45.06	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0590 EA 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	323.58	53.42
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.01	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.04	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	162.56	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	260.09	
For >50 To 100, Deduct	-18.85	
For >100, Deduct	-26.94	
For 9' Door Height, Add	45.52	
08 14 16 00-0591 EA 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	330.38	55.74
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.27	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	118.21	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	164.18	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	262.68	
For >50 To 100, Deduct	-19.31	
For >100, Deduct	-27.57	
For 9' Door Height, Add	45.97	
08 14 16 00-0592 EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	350.16	55.74
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.64	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	128.89	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	179.01	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	286.42	
For >50 To 100, Deduct	-20.30	
For >100, Deduct	-29.05	
For 9' Door Height, Add	50.12	
08 14 16 00-0593 EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	371.83	58.06
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.68	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	138.08	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	191.78	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	306.84	
For >50 To 100, Deduct	-21.49	
For >100, Deduct	-30.79	
For 9' Door Height, Add	53.70	
08 14 16 00-0594 EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	384.60	58.06
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.22	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	144.97	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	201.35	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	322.16	
For >50 To 100, Deduct	-22.13	
For >100, Deduct	-31.75	
For 9' Door Height, Add	56.38	
08 14 16 00-0595 EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door.....	410.20	58.06
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.29	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.80	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	220.55	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	352.88	
For >50 To 100, Deduct	-23.41	
For >100, Deduct	-33.67	
For 9' Door Height, Add	61.75	
08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)		
08 14 16 00-0597 EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	273.64	51.09
For Stave Lumber Core (SLC), Add	128.58	
For Structural Composite Lumber Core (SCLC), Add	77.15	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.57	
For >50 To 100, Deduct	-16.24	
For >100, Deduct	-23.08	
08 14 16 00-0598 EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	273.64	51.09
For Stave Lumber Core (SLC), Add	128.58	
For Structural Composite Lumber Core (SCLC), Add	77.15	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.57	
For >50 To 100, Deduct	-16.24	
For >100, Deduct	-23.08	
08 14 16 00-0599 EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	288.21	53.42
For Stave Lumber Core (SLC), Add	136.03	
For Structural Composite Lumber Core (SCLC), Add	81.62	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.76	
For >50 To 100, Deduct	-17.08	
For >100, Deduct	-24.29	
08 14 16 00-0600 EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	298.11	53.42
For Stave Lumber Core (SLC), Add	143.45	
For Structural Composite Lumber Core (SCLC), Add	86.07	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.95	
For >50 To 100, Deduct	-17.58	
For >100, Deduct	-25.03	
08 14 16 00-0601 EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	299.96	53.42
For Stave Lumber Core (SLC), Add	144.84	
For Structural Composite Lumber Core (SCLC), Add	86.90	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.17	
For >50 To 100, Deduct	-17.67	
For >100, Deduct	-25.17	
08 14 16 00-0602 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	306.47	55.74
For Stave Lumber Core (SLC), Add	146.24	
For Structural Composite Lumber Core (SCLC), Add	87.75	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.40	
For >50 To 100, Deduct	-18.11	
For >100, Deduct	-25.77	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0603	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	327.96	55.74
			For Stave Lumber Core (SLC), Add	162.36	
			For Structural Composite Lumber Core (SCLC), Add	97.42	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.98	
			For >50 To 100, Deduct	-19.19	
			For >100, Deduct	-27.38	
08 14 16 00-0604	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	371.86	58.06
			For Stave Lumber Core (SLC), Add	191.80	
			For Structural Composite Lumber Core (SCLC), Add	115.08	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.69	
			For >50 To 100, Deduct	-21.50	
			For >100, Deduct	-30.79	
08 14 16 00-0605	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	384.66	58.06
			For Stave Lumber Core (SLC), Add	201.40	
			For Structural Composite Lumber Core (SCLC), Add	120.84	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.22	
			For >50 To 100, Deduct	-22.14	
			For >100, Deduct	-31.75	
08 14 16 00-0606	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	410.20	58.06
			For Stave Lumber Core (SLC), Add	220.55	
			For Structural Composite Lumber Core (SCLC), Add	132.33	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.29	
			For >50 To 100, Deduct	-23.41	
			For >100, Deduct	-33.67	
08 14 16 00-0607	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	283.62	51.09
			For Stave Lumber Core (SLC), Add	136.07	
			For Structural Composite Lumber Core (SCLC), Add	81.64	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.77	
			For >50 To 100, Deduct	-16.74	
			For >100, Deduct	-23.83	
08 14 16 00-0608	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	283.62	51.09
			For Stave Lumber Core (SLC), Add	136.07	
			For Structural Composite Lumber Core (SCLC), Add	81.64	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.77	
			For >50 To 100, Deduct	-16.74	
			For >100, Deduct	-23.83	
08 14 16 00-0609	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	298.77	53.42
			For Stave Lumber Core (SLC), Add	143.95	
			For Structural Composite Lumber Core (SCLC), Add	86.37	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.03	
			For >50 To 100, Deduct	-17.61	
			For >100, Deduct	-25.08	
08 14 16 00-0610	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	309.26	53.42
			For Stave Lumber Core (SLC), Add	151.82	
			For Structural Composite Lumber Core (SCLC), Add	91.09	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.29	
			For >50 To 100, Deduct	-18.13	
			For >100, Deduct	-25.87	
08 14 16 00-0611	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	311.20	53.42
			For Stave Lumber Core (SLC), Add	153.27	
			For Structural Composite Lumber Core (SCLC), Add	91.96	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.52	
			For >50 To 100, Deduct	-18.23	
			For >100, Deduct	-26.01	
08 14 16 00-0612	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	317.82	55.74
			For Stave Lumber Core (SLC), Add	154.76	
			For Structural Composite Lumber Core (SCLC), Add	92.85	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.76	
			For >50 To 100, Deduct	-18.68	
			For >100, Deduct	-26.62	
08 14 16 00-0613	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	340.55	55.74
			For Stave Lumber Core (SLC), Add	171.80	
			For Structural Composite Lumber Core (SCLC), Add	103.08	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.49	
			For >50 To 100, Deduct	-19.81	
			For >100, Deduct	-28.33	
08 14 16 00-0614	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	386.74	58.06
			For Stave Lumber Core (SLC), Add	202.96	
			For Structural Composite Lumber Core (SCLC), Add	121.77	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.47	
			For >50 To 100, Deduct	-22.24	
			For >100, Deduct	-31.91	
08 14 16 00-0615	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	400.28	58.06
			For Stave Lumber Core (SLC), Add	213.11	
			For Structural Composite Lumber Core (SCLC), Add	127.87	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.10	
			For >50 To 100, Deduct	-22.92	
			For >100, Deduct	-32.92	
08 14 16 00-0616	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	427.33	58.06
			For Stave Lumber Core (SLC), Add	233.40	
			For Structural Composite Lumber Core (SCLC), Add	140.04	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.34	
			For >50 To 100, Deduct	-24.27	
			For >100, Deduct	-34.95	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0617 EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	319.00 162.60 97.56 26.02 -18.51 -26.48 45.53	51.09
08 14 16 00-0618 EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	319.00 162.60 97.56 26.02 -18.51 -26.48 45.53	51.09
08 14 16 00-0619 EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	336.20 172.02 103.21 27.52 -19.48 -27.89 48.17	53.42
08 14 16 00-0620 EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	348.74 181.43 108.86 29.03 -20.11 -28.83 50.80	53.42
08 14 16 00-0621 EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	351.06 183.17 109.90 29.31 -20.22 -29.00 51.29	53.42
08 14 16 00-0622 EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	358.07 184.94 110.97 29.59 -20.69 -29.64 51.78	55.74
08 14 16 00-0623 EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	385.22 205.31 123.18 32.85 -22.05 -31.68 57.49	55.74
08 14 16 00-0624 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	439.49 242.52 145.51 38.80 -24.88 -35.87 67.91	58.06
08 14 16 00-0625 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	455.69 254.67 152.80 40.75 -25.69 -37.08 71.31	58.06
08 14 16 00-0626 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	488.01 278.91 167.35 44.63 -27.30 -39.50 78.09	58.06
08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)		
08 14 16 00-0628 EA Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes any standard manufacturer color on six sides. For Custom Color To Match Non Standard Manufacturer Finish, Add	47.21 15.72	
08 14 16 00-0629 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)		
08 14 16 00-0630 EA 2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,256.61	40.88
08 14 16 00-0631 EA 2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,256.61	127.56
08 14 16 00-0632 EA 2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,256.61	40.88

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 Clad Wood Doors (08 14)**08 14 23 13 Metal-Faced Wood Doors (08 14 23)**

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)

08 14 23 13-0002	EA	2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	603.16	114.28
08 14 23 13-0003	EA	2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	644.52	125.42
08 14 23 13-0004	EA	2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	692.40	138.43
08 14 23 13-0005	EA	3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	728.48	143.07
08 14 23 13-0006	EA	3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	774.02	157.47
08 14 23 13-0007	EA	3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door.....	838.77	162.59

08 14 23 16 Plastic-Laminate-Faced Wood Doors (08 14 23)**08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative****Laminate (HPDL) Faced Wood Doors (08 14 23 16)**

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	211.38	51.09
		For Structural Composite Lumber Core (SCLC), Add	49.13	
		For 5 Ply Construction, Add	3.82	
		For >50 To 100, Deduct	-13.12	
		For >100, Deduct	-18.41	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	211.38	51.09
		For Structural Composite Lumber Core (SCLC), Add	49.13	
		For 5 Ply Construction, Add	3.82	
		For >50 To 100, Deduct	-13.12	
		For >100, Deduct	-18.41	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	222.02	53.42
		For Structural Composite Lumber Core (SCLC), Add	51.83	
		For 5 Ply Construction, Add	4.03	
		For >50 To 100, Deduct	-13.77	
		For >100, Deduct	-19.32	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	228.03	53.42
		For Structural Composite Lumber Core (SCLC), Add	54.54	
		For 5 Ply Construction, Add	4.24	
		For >50 To 100, Deduct	-14.07	
		For >100, Deduct	-19.77	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	231.06	53.42
		For Structural Composite Lumber Core (SCLC), Add	55.90	
		For 5 Ply Construction, Add	4.35	
		For >50 To 100, Deduct	-14.22	
		For >100, Deduct	-20.00	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	238.71	55.74
		For Structural Composite Lumber Core (SCLC), Add	57.25	
		For 5 Ply Construction, Add	4.45	
		For >50 To 100, Deduct	-14.72	
		For >100, Deduct	-20.69	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	252.70	55.74
		For Structural Composite Lumber Core (SCLC), Add	63.55	
		For 5 Ply Construction, Add	4.94	
		For >50 To 100, Deduct	-15.42	
		For >100, Deduct	-21.74	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	266.39	58.06
		For Structural Composite Lumber Core (SCLC), Add	67.62	
		For 5 Ply Construction, Add	5.26	
		For >50 To 100, Deduct	-16.22	
		For >100, Deduct	-22.88	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	217.73	51.09
		For Structural Composite Lumber Core (SCLC), Add	51.99	
		For 5 Ply Construction, Add	4.04	
		For >50 To 100, Deduct	-13.44	
		For >100, Deduct	-18.88	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	217.73	51.09
		For Structural Composite Lumber Core (SCLC), Add	51.99	
		For 5 Ply Construction, Add	4.04	
		For >50 To 100, Deduct	-13.44	
		For >100, Deduct	-18.88	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	228.73	53.42
		For Structural Composite Lumber Core (SCLC), Add	54.85	
		For 5 Ply Construction, Add	4.27	
		For >50 To 100, Deduct	-14.11	
		For >100, Deduct	-19.83	



			Openings	08
			Doors and Frames	08 10
			Wood Doors	08 14

08

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 14 23 16-0013	EA 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	235.08		53.42	
	For Structural Composite Lumber Core (SCLC), Add	57.71			
	For 5 Ply Construction, Add	4.49			
	For >50 To 100, Deduct	-14.43			
	For >100, Deduct	-20.30			
08 14 23 16-0014	EA 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	238.28		53.42	
	For Structural Composite Lumber Core (SCLC), Add	59.15			
	For 5 Ply Construction, Add	4.60			
	For >50 To 100, Deduct	-14.59			
	For >100, Deduct	-20.54			
08 14 23 16-0015	EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	246.12		55.74	
	For Structural Composite Lumber Core (SCLC), Add	60.59			
	For 5 Ply Construction, Add	4.71			
	For >50 To 100, Deduct	-15.09			
	For >100, Deduct	-21.25			
08 14 23 16-0016	EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	260.92		55.74	
	For Structural Composite Lumber Core (SCLC), Add	67.25			
	For 5 Ply Construction, Add	5.23			
	For >50 To 100, Deduct	-15.83			
	For >100, Deduct	-22.36			
08 14 23 16-0017	EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	275.13		58.06	
	For Structural Composite Lumber Core (SCLC), Add	71.55			
	For 5 Ply Construction, Add	5.57			
	For >50 To 100, Deduct	-16.66			
	For >100, Deduct	-23.54			
08 14 23 16-0018	EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	240.26		51.09	
	For Structural Composite Lumber Core (SCLC), Add	62.13			
	For 5 Ply Construction, Add	4.83			
	For >50 To 100, Deduct	-14.57			
	For >100, Deduct	-20.57			
08 14 23 16-0019	EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	240.26		51.09	
	For Structural Composite Lumber Core (SCLC), Add	62.13			
	For 5 Ply Construction, Add	4.83			
	For >50 To 100, Deduct	-14.57			
	For >100, Deduct	-20.57			
08 14 23 16-0020	EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	252.50		53.42	
	For Structural Composite Lumber Core (SCLC), Add	65.55			
	For 5 Ply Construction, Add	5.10			
	For >50 To 100, Deduct	-15.30			
	For >100, Deduct	-21.61			
08 14 23 16-0021	EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	260.09		53.42	
	For Structural Composite Lumber Core (SCLC), Add	68.96			
	For 5 Ply Construction, Add	5.36			
	For >50 To 100, Deduct	-15.68			
	For >100, Deduct	-22.18			
08 14 23 16-0022	EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	263.92		53.42	
	For Structural Composite Lumber Core (SCLC), Add	70.69			
	For 5 Ply Construction, Add	5.50			
	For >50 To 100, Deduct	-15.87			
	For >100, Deduct	-22.47			
08 14 23 16-0023	EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	272.37		55.74	
	For Structural Composite Lumber Core (SCLC), Add	72.40			
	For 5 Ply Construction, Add	5.63			
	For >50 To 100, Deduct	-16.41			
	For >100, Deduct	-23.21			
08 14 23 16-0024	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	290.06		55.74	
	For Structural Composite Lumber Core (SCLC), Add	80.36			
	For 5 Ply Construction, Add	6.25			
	For >50 To 100, Deduct	-17.29			
	For >100, Deduct	-24.54			
08 14 23 16-0025	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	306.14		58.06	
	For Structural Composite Lumber Core (SCLC), Add	85.50			
	For 5 Ply Construction, Add	6.65			
	For >50 To 100, Deduct	-18.21			
	For >100, Deduct	-25.86			

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	288.21	51.09
		Wood Door.....		
		For 5 Ply Construction, Add	6.51	
		For Stave Lumber Core (SLC), Add	139.51	
		For Structural Composite Lumber Core (SCLC), Add	83.70	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.32	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.45	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	139.51	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	223.21	
		For >50 To 100, Deduct	-16.97	
		For >100, Deduct	-24.17	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	288.20	51.09
		Wood Door.....		
		For 5 Ply Construction, Add	6.51	
		For Stave Lumber Core (SLC), Add	139.50	
		For Structural Composite Lumber Core (SCLC), Add	83.70	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.32	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.44	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	139.50	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	223.20	
		For >50 To 100, Deduct	-16.97	
		For >100, Deduct	-24.17	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	298.66	53.42
		Wood Door.....		
		For 5 Ply Construction, Add	6.71	
		For Stave Lumber Core (SLC), Add	143.87	
		For Structural Composite Lumber Core (SCLC), Add	86.32	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.02	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	103.58	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	143.87	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	230.18	
		For >50 To 100, Deduct	-17.60	
		For >100, Deduct	-25.07	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	298.66	53.42
		Wood Door.....		
		For 5 Ply Construction, Add	6.71	
		For Stave Lumber Core (SLC), Add	143.87	
		For Structural Composite Lumber Core (SCLC), Add	86.32	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.02	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	103.58	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	143.87	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	230.18	
		For >50 To 100, Deduct	-17.60	
		For >100, Deduct	-25.07	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	310.18	53.42
		Wood Door.....		
		For 5 Ply Construction, Add	7.12	
		For Stave Lumber Core (SLC), Add	152.51	
		For Structural Composite Lumber Core (SCLC), Add	91.50	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.40	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	109.80	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	152.51	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	244.01	
		For >50 To 100, Deduct	-18.18	
		For >100, Deduct	-25.93	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	326.34	55.74
		Wood Door.....		
		For 5 Ply Construction, Add	7.52	
		For Stave Lumber Core (SLC), Add	161.15	
		For Structural Composite Lumber Core (SCLC), Add	96.69	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.78	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.02	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	161.15	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	257.83	
		For >50 To 100, Deduct	-19.10	
		For >100, Deduct	-27.26	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced	338.11	55.74
		Wood Door.....		
		For 5 Ply Construction, Add	7.93	
		For Stave Lumber Core (SLC), Add	169.97	
		For Structural Composite Lumber Core (SCLC), Add	101.98	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.20	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	122.38	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	169.97	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	271.96	
		For >50 To 100, Deduct	-19.69	
		For >100, Deduct	-28.15	



			Openings	08	08
			Doors and Frames	08 10	
			Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 14 23 16-0034	EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	348.64		58.06	
	For 5 Ply Construction, Add	8.14			
	For Stave Lumber Core (SLC), Add	174.38			
	For Structural Composite Lumber Core (SCLC), Add	104.63			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.90			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	125.56			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	174.38			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	279.01			
	For >50 To 100, Deduct	-20.34			
	For >100, Deduct	-29.05			
08 14 23 16-0035	EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	360.26		58.06	
	For 5 Ply Construction, Add	8.54			
	For Stave Lumber Core (SLC), Add	183.10			
	For Structural Composite Lumber Core (SCLC), Add	109.86			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.30			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	131.83			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	183.10			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	292.96			
	For >50 To 100, Deduct	-20.92			
	For >100, Deduct	-29.92			
08 14 23 16-0036	EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	392.80		62.71	
	For 5 Ply Construction, Add	9.36			
	For Stave Lumber Core (SLC), Add	200.54			
	For Structural Composite Lumber Core (SCLC), Add	120.32			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.09			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	144.39			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	200.54			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	320.86			
	For >50 To 100, Deduct	-22.78			
	For >100, Deduct	-32.60			
08 14 23 16-0037	EA 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	299.03		51.09	
	For 5 Ply Construction, Add	6.89			
	For Stave Lumber Core (SLC), Add	147.62			
	For Structural Composite Lumber Core (SCLC), Add	88.57			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.62			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.29			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.62			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	236.20			
	For >50 To 100, Deduct	-17.51			
	For >100, Deduct	-24.98			
08 14 23 16-0038	EA 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	299.02		51.09	
	For 5 Ply Construction, Add	6.89			
	For Stave Lumber Core (SLC), Add	147.62			
	For Structural Composite Lumber Core (SCLC), Add	88.57			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.62			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.28			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.62			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	236.18			
	For >50 To 100, Deduct	-17.51			
	For >100, Deduct	-24.98			
08 14 23 16-0039	EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	309.82		53.42	
	For 5 Ply Construction, Add	7.10			
	For Stave Lumber Core (SLC), Add	152.24			
	For Structural Composite Lumber Core (SCLC), Add	91.34			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.36			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	109.61			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	152.24			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	243.58			
	For >50 To 100, Deduct	-18.16			
	For >100, Deduct	-25.91			
08 14 23 16-0040	EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	309.82		53.42	
	For 5 Ply Construction, Add	7.10			
	For Stave Lumber Core (SLC), Add	152.24			
	For Structural Composite Lumber Core (SCLC), Add	91.34			
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.36			
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	109.61			
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	152.24			
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	243.58			
	For >50 To 100, Deduct	-18.16			
	For >100, Deduct	-25.91			

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	322.01	53.42
		For 5 Ply Construction, Add	7.53	
		For Stave Lumber Core (SLC), Add	161.38	
		For Structural Composite Lumber Core (SCLC), Add	96.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.82	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.19	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	161.38	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	258.20	
		For >50 To 100, Deduct	-18.77	
		For >100, Deduct	-26.82	
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	338.85	55.74
		For 5 Ply Construction, Add	7.96	
		For Stave Lumber Core (SLC), Add	170.53	
		For Structural Composite Lumber Core (SCLC), Add	102.32	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.28	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	122.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	170.53	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	272.84	
		For >50 To 100, Deduct	-19.73	
		For >100, Deduct	-28.20	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	351.30	55.74
		For 5 Ply Construction, Add	8.39	
		For Stave Lumber Core (SLC), Add	179.87	
		For Structural Composite Lumber Core (SCLC), Add	107.92	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.78	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	129.50	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	179.87	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	287.78	
		For >50 To 100, Deduct	-20.35	
		For >100, Deduct	-29.13	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	362.17	58.06
		For 5 Ply Construction, Add	8.61	
		For Stave Lumber Core (SLC), Add	184.53	
		For Structural Composite Lumber Core (SCLC), Add	110.72	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.52	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	132.86	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	184.53	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	295.25	
		For >50 To 100, Deduct	-21.01	
		For >100, Deduct	-30.07	
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	374.47	58.06
		For 5 Ply Construction, Add	9.04	
		For Stave Lumber Core (SLC), Add	193.76	
		For Structural Composite Lumber Core (SCLC), Add	116.25	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.00	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	139.50	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	193.76	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	310.01	
		For >50 To 100, Deduct	-21.63	
		For >100, Deduct	-30.99	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	408.36	62.71
		For 5 Ply Construction, Add	9.90	
		For Stave Lumber Core (SLC), Add	212.21	
		For Structural Composite Lumber Core (SCLC), Add	127.32	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.95	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	152.79	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	212.21	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	339.53	
		For >50 To 100, Deduct	-23.55	
		For >100, Deduct	-33.76	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	337.42	51.09
		For 5 Ply Construction, Add	8.23	
		For Stave Lumber Core (SLC), Add	176.42	
		For Structural Composite Lumber Core (SCLC), Add	105.85	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.23	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	127.02	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	176.42	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	282.26	
		For >50 To 100, Deduct	-19.43	
		For >100, Deduct	-27.86	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	337.41	51.09
			For 5 Ply Construction, Add	8.23	
			For Stave Lumber Core (SLC), Add	176.41	
			For Structural Composite Lumber Core (SCLC), Add	105.84	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.23	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	127.01	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	176.41	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	282.25	
			For >50 To 100, Deduct	-19.43	
			For >100, Deduct	-27.86	
08 14 23 16-0049	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	349.41	53.42
			For 5 Ply Construction, Add	8.49	
			For Stave Lumber Core (SLC), Add	181.93	
			For Structural Composite Lumber Core (SCLC), Add	109.16	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.11	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	130.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	181.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	291.08	
			For >50 To 100, Deduct	-20.14	
			For >100, Deduct	-28.88	
08 14 23 16-0050	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	349.41	53.42
			For 5 Ply Construction, Add	8.49	
			For Stave Lumber Core (SLC), Add	181.93	
			For Structural Composite Lumber Core (SCLC), Add	109.16	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.11	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	130.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	181.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	291.08	
			For >50 To 100, Deduct	-20.14	
			For >100, Deduct	-28.88	
08 14 23 16-0051	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	363.97	53.42
			For 5 Ply Construction, Add	9.00	
			For Stave Lumber Core (SLC), Add	192.85	
			For Structural Composite Lumber Core (SCLC), Add	115.71	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.86	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	138.85	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	192.85	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	308.56	
			For >50 To 100, Deduct	-20.87	
			For >100, Deduct	-29.97	
08 14 23 16-0052	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	383.18	55.74
			For 5 Ply Construction, Add	9.51	
			For Stave Lumber Core (SLC), Add	203.78	
			For Structural Composite Lumber Core (SCLC), Add	122.27	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	146.72	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	203.78	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	326.04	
			For >50 To 100, Deduct	-21.95	
			For >100, Deduct	-31.53	
08 14 23 16-0053	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	398.06	55.74
			For 5 Ply Construction, Add	10.03	
			For Stave Lumber Core (SLC), Add	214.94	
			For Structural Composite Lumber Core (SCLC), Add	128.96	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.39	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	154.75	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	214.94	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	343.90	
			For >50 To 100, Deduct	-22.69	
			For >100, Deduct	-32.64	
08 14 23 16-0054	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	410.15	58.06
			For 5 Ply Construction, Add	10.29	
			For Stave Lumber Core (SLC), Add	220.52	
			For Structural Composite Lumber Core (SCLC), Add	132.31	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.28	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.77	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	220.52	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	352.82	
			For >50 To 100, Deduct	-23.41	
			For >100, Deduct	-33.66	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0055	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	424.84	58.06
			For 5 Ply Construction, Add	10.80	
			For Stave Lumber Core (SLC), Add	231.53	
			For Structural Composite Lumber Core (SCLC), Add	138.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.05	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	166.70	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	231.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	370.45	
			For >50 To 100, Deduct	-24.15	
			For >100, Deduct	-34.77	
08 14 23 16-0056	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	463.54	62.71
			For 5 Ply Construction, Add	11.83	
			For Stave Lumber Core (SLC), Add	253.59	
			For Structural Composite Lumber Core (SCLC), Add	152.15	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.57	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.58	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	253.59	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	405.74	
			For >50 To 100, Deduct	-26.31	
			For >100, Deduct	-37.90	
08 14 23 19 Molded-Hardboard-Faced Wood Doors (08 14 23)					
08 14 23 19-0001			1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)		
08 14 23 19-0002	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	200.05	51.09
			For >50 To 100, Deduct	-12.56	
			For >100, Deduct	-17.56	
08 14 23 19-0003	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	200.05	51.09
			For >50 To 100, Deduct	-12.56	
			For >100, Deduct	-17.56	
08 14 23 19-0004	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	211.83	53.42
			For >50 To 100, Deduct	-13.26	
			For >100, Deduct	-18.56	
08 14 23 19-0005	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	215.22	53.42
			For >50 To 100, Deduct	-13.43	
			For >100, Deduct	-18.81	
08 14 23 19-0006	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	218.60	53.42
			For >50 To 100, Deduct	-13.60	
			For >100, Deduct	-19.07	
08 14 23 19-0007	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	226.63	55.74
			For >50 To 100, Deduct	-14.12	
			For >100, Deduct	-19.78	
08 14 23 19-0008	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	239.28	55.74
			For >50 To 100, Deduct	-14.75	
			For >100, Deduct	-20.73	
08 14 23 19-0009	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.12	58.06
			For >50 To 100, Deduct	-15.51	
			For >100, Deduct	-21.81	
08 14 23 19-0010	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	205.74	51.09
			For >50 To 100, Deduct	-12.84	
			For >100, Deduct	-17.99	
08 14 23 19-0011	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	205.74	51.09
			For >50 To 100, Deduct	-12.84	
			For >100, Deduct	-17.99	
08 14 23 19-0012	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	217.94	53.42
			For >50 To 100, Deduct	-13.57	
			For >100, Deduct	-19.02	
08 14 23 19-0013	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	221.52	53.42
			For >50 To 100, Deduct	-13.75	
			For >100, Deduct	-19.29	
08 14 23 19-0014	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	225.10	53.42
			For >50 To 100, Deduct	-13.93	
			For >100, Deduct	-19.55	
08 14 23 19-0015	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	233.32	55.74
			For >50 To 100, Deduct	-14.45	
			For >100, Deduct	-20.29	
08 14 23 19-0016	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.70	55.74
			For >50 To 100, Deduct	-15.12	
			For >100, Deduct	-21.29	
08 14 23 19-0017	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	260.02	58.06
			For >50 To 100, Deduct	-15.90	
			For >100, Deduct	-22.40	
08 14 23 19-0018	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	225.94	51.09
			For >50 To 100, Deduct	-13.85	
			For >100, Deduct	-19.50	
08 14 23 19-0019	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	225.94	51.09
			For >50 To 100, Deduct	-13.85	
			For >100, Deduct	-19.50	
08 14 23 19-0020	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	239.61	53.42
			For >50 To 100, Deduct	-14.65	
			For >100, Deduct	-20.64	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 23 19-0021	EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	243.88 -14.87 -20.96		53.42
08 14 23 19-0022	EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	248.18 -15.08 -21.28		53.42
08 14 23 19-0023	EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	257.08 -15.64 -22.07		55.74
08 14 23 19-0024	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	273.07 -16.44 -23.27		55.74
08 14 23 19-0025	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	288.07 -17.31 -24.51		58.06
08 14 23 19-0026	1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)			
08 14 23 19-0027	EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	224.12 -13.76 -19.36		51.09
08 14 23 19-0028	EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	224.12 -13.76 -19.36		51.09
08 14 23 19-0029	EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	232.13 -14.28 -20.08		53.42
08 14 23 19-0030	EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	238.93 -14.62 -20.59		53.42
08 14 23 19-0031	EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	242.33 -14.79 -20.85		53.42
08 14 23 19-0032	EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	250.31 -15.30 -21.56		55.74
08 14 23 19-0033	EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	258.06 -15.69 -22.14		55.74
08 14 23 19-0034	EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	287.89 -17.30 -24.50		58.06
08 14 23 19-0035	EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	296.47 -17.73 -25.14		58.06
08 14 23 19-0036	EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	313.67 -18.59 -26.43		58.06
08 14 23 19-0037	EA 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	231.21 -14.12 -19.90		51.09
08 14 23 19-0038	EA 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	231.21 -14.12 -19.90		51.09
08 14 23 19-0039	EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	239.43 -14.64 -20.63		53.42
08 14 23 19-0040	EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	246.62 -15.00 -21.17		53.42
08 14 23 19-0041	EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	250.20 -15.18 -21.44		53.42
08 14 23 19-0042	EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	258.40 -15.71 -22.17		55.74
08 14 23 19-0043	EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	266.59 -16.12 -22.78		55.74
08 14 23 19-0044	EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	297.90 -17.80 -25.25		58.06
08 14 23 19-0045	EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	306.98 -18.25 -25.93		58.06
08 14 23 19-0046	EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	325.16 -19.16 -27.29		58.06
08 14 23 19-0047	EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	256.36 -15.37 -21.78		51.09

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	256.36	51.09
		For >50 To 100, Deduct	-15.37	
		For >100, Deduct	-21.78	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	265.30	53.42
		For >50 To 100, Deduct	-15.94	
		For >100, Deduct	-22.57	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	273.88	53.42
		For >50 To 100, Deduct	-16.37	
		For >100, Deduct	-23.21	
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.15	53.42
		For >50 To 100, Deduct	-16.58	
		For >100, Deduct	-23.53	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	287.06	55.74
		For >50 To 100, Deduct	-17.14	
		For >100, Deduct	-24.32	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	296.83	55.74
		For >50 To 100, Deduct	-17.63	
		For >100, Deduct	-25.05	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	333.35	58.06
		For >50 To 100, Deduct	-19.57	
		For >100, Deduct	-27.90	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	344.20	58.06
		For >50 To 100, Deduct	-20.11	
		For >100, Deduct	-28.72	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	365.93	58.06
		For >50 To 100, Deduct	-21.20	
		For >100, Deduct	-30.35	
08 14 23 19-0057		1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19) Note: PC = Particleboard, medium-density fiberboard (MDF), or aggrfiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	238.64	51.09
		For >50 To 100, Deduct	-14.49	
		For >100, Deduct	-20.45	
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	238.64	51.09
		For >50 To 100, Deduct	-14.49	
		For >100, Deduct	-20.45	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	251.20	53.42
		For >50 To 100, Deduct	-15.23	
		For >100, Deduct	-21.51	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	259.11	53.42
		For >50 To 100, Deduct	-15.63	
		For >100, Deduct	-22.10	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	260.55	53.42
		For >50 To 100, Deduct	-15.70	
		For >100, Deduct	-22.21	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	266.67	55.74
		For >50 To 100, Deduct	-16.12	
		For >100, Deduct	-22.79	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	283.79	55.74
		For >50 To 100, Deduct	-16.98	
		For >100, Deduct	-24.07	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	319.65	58.06
		For >50 To 100, Deduct	-18.89	
		For >100, Deduct	-26.88	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	246.59	51.09
		For >50 To 100, Deduct	-14.88	
		For >100, Deduct	-21.05	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	246.59	51.09
		For >50 To 100, Deduct	-14.88	
		For >100, Deduct	-21.05	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	259.61	53.42
		For >50 To 100, Deduct	-15.65	
		For >100, Deduct	-22.14	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	267.96	53.42
		For >50 To 100, Deduct	-16.07	
		For >100, Deduct	-22.77	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	269.51	53.42
		For >50 To 100, Deduct	-16.15	
		For >100, Deduct	-22.88	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 23 19-0071	EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	275.70		55.74
	For >50 To 100, Deduct	-16.57		
	For >100, Deduct	-23.46		
08 14 23 19-0072	EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	293.82		55.74
	For >50 To 100, Deduct	-17.48		
	For >100, Deduct	-24.82		
08 14 23 19-0073	EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	331.50		58.06
	For >50 To 100, Deduct	-19.48		
	For >100, Deduct	-27.77		
08 14 23 19-0074	EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	274.75		51.09
	For >50 To 100, Deduct	-16.29		
	For >100, Deduct	-23.16		
08 14 23 19-0075	EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	274.75		51.09
	For >50 To 100, Deduct	-16.29		
	For >100, Deduct	-23.16		
08 14 23 19-0076	EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	289.40		53.42
	For >50 To 100, Deduct	-17.14		
	For >100, Deduct	-24.38		
08 14 23 19-0077	EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	299.38		53.42
	For >50 To 100, Deduct	-17.64		
	For >100, Deduct	-25.12		
08 14 23 19-0078	EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	301.22		53.42
	For >50 To 100, Deduct	-17.73		
	For >100, Deduct	-25.26		
08 14 23 19-0079	EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	307.73		55.74
	For >50 To 100, Deduct	-18.17		
	For >100, Deduct	-25.87		
08 14 23 19-0080	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	329.38		55.74
	For >50 To 100, Deduct	-19.26		
	For >100, Deduct	-27.49		
08 14 23 19-0081	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	373.51		58.06
	For >50 To 100, Deduct	-21.58		
	For >100, Deduct	-30.92		
08 14 23 19-0082	1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19) Note: PC = Particleboard, medium-density fiberboard (MDF), or aggrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.			
08 14 23 19-0083	EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	273.64		51.09
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.57		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	92.58		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	128.58		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	205.73		
	For >50 To 100, Deduct	-16.24		
	For >100, Deduct	-23.08		
08 14 23 19-0084	EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	273.64		51.09
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.57		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	92.58		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	128.58		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	205.73		
	For >50 To 100, Deduct	-16.24		
	For >100, Deduct	-23.08		
08 14 23 19-0085	EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	288.21		53.42
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.76		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	97.94		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.03		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	217.64		
	For >50 To 100, Deduct	-17.08		
	For >100, Deduct	-24.29		
08 14 23 19-0086	EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	298.11		53.42
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.95		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	103.29		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	143.45		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	229.52		
	For >50 To 100, Deduct	-17.58		
	For >100, Deduct	-25.03		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0087	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	299.96	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.17	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	104.28	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	144.84	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	231.74	
			For >50 To 100, Deduct	-17.67	
			For >100, Deduct	-25.17	
08 14 23 19-0088	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	306.47	55.74
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.40	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	105.29	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	146.24	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	233.99	
			For >50 To 100, Deduct	-18.11	
			For >100, Deduct	-25.77	
08 14 23 19-0089	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	327.96	55.74
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.98	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.90	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	162.36	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	259.78	
			For >50 To 100, Deduct	-19.19	
			For >100, Deduct	-27.38	
08 14 23 19-0090	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	371.86	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	138.09	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	191.80	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	306.88	
			For >50 To 100, Deduct	-21.50	
			For >100, Deduct	-30.79	
08 14 23 19-0091	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	384.66	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.22	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	145.01	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	201.40	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	322.24	
			For >50 To 100, Deduct	-22.14	
			For >100, Deduct	-31.75	
08 14 23 19-0092	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	410.20	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.29	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.80	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	220.55	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	352.88	
			For >50 To 100, Deduct	-23.41	
			For >100, Deduct	-33.67	
08 14 23 19-0093	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	283.62	51.09
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.77	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	97.97	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.07	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	217.70	
			For >50 To 100, Deduct	-16.74	
			For >100, Deduct	-23.83	
08 14 23 19-0094	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	283.62	51.09
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.77	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	97.97	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.07	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	217.70	
			For >50 To 100, Deduct	-16.74	
			For >100, Deduct	-23.83	
08 14 23 19-0095	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	298.77	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.03	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	103.64	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	143.95	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	230.32	
			For >50 To 100, Deduct	-17.61	
			For >100, Deduct	-25.08	
08 14 23 19-0096	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	309.26	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.29	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	109.31	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	151.82	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	242.90	
			For >50 To 100, Deduct	-18.13	
			For >100, Deduct	-25.87	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0097	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	311.20	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	110.35	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	153.27	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	245.23	
			For >50 To 100, Deduct	-18.23	
			For >100, Deduct	-26.01	
08 14 23 19-0098	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	317.82	55.74
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.76	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.42	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.61	
			For >50 To 100, Deduct	-18.68	
			For >100, Deduct	-26.62	
08 14 23 19-0099	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	340.55	55.74
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.49	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	123.70	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	171.80	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	274.88	
			For >50 To 100, Deduct	-19.81	
			For >100, Deduct	-28.33	
08 14 23 19-0100	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	386.74	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.47	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	146.13	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	202.96	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	324.73	
			For >50 To 100, Deduct	-22.24	
			For >100, Deduct	-31.91	
08 14 23 19-0101	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	400.28	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.10	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	153.44	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	213.11	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	340.98	
			For >50 To 100, Deduct	-22.92	
			For >100, Deduct	-32.92	
08 14 23 19-0102	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	427.33	58.06
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.34	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	168.05	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	233.40	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	373.44	
			For >50 To 100, Deduct	-24.27	
			For >100, Deduct	-34.95	
08 14 23 19-0103	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	319.00	51.09
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.02	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.07	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	162.60	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	260.16	
			For >50 To 100, Deduct	-18.51	
			For >100, Deduct	-26.48	
08 14 23 19-0104	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	319.00	51.09
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.02	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.07	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	162.60	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	260.16	
			For >50 To 100, Deduct	-18.51	
			For >100, Deduct	-26.48	
08 14 23 19-0105	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	336.20	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	123.85	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	172.02	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	275.23	
			For >50 To 100, Deduct	-19.48	
			For >100, Deduct	-27.89	
08 14 23 19-0106	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	348.74	53.42
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.03	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	130.63	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	181.43	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	290.28	
			For >50 To 100, Deduct	-20.11	
			For >100, Deduct	-28.83	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	351.06 29.31 131.88 183.17 293.06 -20.22 -29.00	53.42
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	358.07 29.59 133.16 184.94 295.91 -20.69 -29.64	55.74
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	385.22 32.85 147.82 205.31 328.49 -22.05 -31.68	55.74
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	439.49 38.80 174.61 242.52 388.03 -24.88 -35.87	58.06
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	455.69 40.75 183.36 254.67 407.47 -25.69 -37.08	58.06
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	488.01 44.63 200.82 278.91 446.26 -27.30 -39.50	58.06
08 14 66 Wood Screen Doors (08 14)				
08 14 66 00-0001		Wood Screen Storm Door, Residential Grade (08 14 66) Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	446.04	133.78
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	466.69	148.65
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	446.04	133.78
08 14 66 00-0005	EA	3' x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	466.69	148.65
08 14 73 Sliding Wood Doors (08 14)				
08 14 73 00-0001		Sliding Pocket Door (08 14 73) Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002		Birch Faced Pocket Door (08 14 73 00-0001) Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003		1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002) See CSI section 08 14 73 00-0055 for all jams and track hardware.		
08 14 73 00-0004		6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	499.61 119.95 174.71 254.67 414.16	32.52
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	514.80 122.86 178.94 260.85 424.21	34.84



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	532.59	37.16
		For Oak, Add	.....	126.49	
		For Ash/Hickory, Add	.....	184.24	
		For Walnut, Add	.....	268.56	
		For Cherry, Add	.....	436.76	
08 14 73 00-0008	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	545.14	39.49
		For Oak, Add	.....	128.67	
		For Ash/Hickory, Add	.....	187.41	
		For Walnut, Add	.....	273.19	
		For Cherry, Add	.....	444.29	
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	562.98	41.81
		For Oak, Add	.....	132.31	
		For Ash/Hickory, Add	.....	192.71	
		For Walnut, Add	.....	280.91	
		For Cherry, Add	.....	456.84	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	578.15	44.13
		For Oak, Add	.....	135.22	
		For Ash/Hickory, Add	.....	196.94	
		For Walnut, Add	.....	287.09	
		For Cherry, Add	.....	466.88	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	985.32	58.06
		For Oak, Add	.....	239.90	
		For Ash/Hickory, Add	.....	349.41	
		For Walnut, Add	.....	509.35	
		For Cherry, Add	.....	828.34	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,042.01	62.71
		For Oak, Add	.....	252.98	
		For Ash/Hickory, Add	.....	368.47	
		For Walnut, Add	.....	537.13	
		For Cherry, Add	.....	873.52	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,114.53	67.36
		For Oak, Add	.....	270.43	
		For Ash/Hickory, Add	.....	393.88	
		For Walnut, Add	.....	574.17	
		For Cherry, Add	.....	933.76	
08 14 73 00-0014		7' High, 1-3/8" Thick Birch Faced Wood Pocket Door (08 14 73 00-0003)	.....		
08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	591.80	32.52
		For Oak, Add	.....	123.27	
		For Ash/Hickory, Add	.....	123.27	
		For Walnut, Add	.....	202.81	
		For Cherry, Add	.....	380.86	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	620.16	34.84
		For Oak, Add	.....	128.81	
		For Ash/Hickory, Add	.....	128.81	
		For Walnut, Add	.....	211.94	
		For Cherry, Add	.....	398.00	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	640.58	37.16
		For Oak, Add	.....	132.51	
		For Ash/Hickory, Add	.....	132.51	
		For Walnut, Add	.....	218.02	
		For Cherry, Add	.....	409.43	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	658.40	39.49
		For Oak, Add	.....	135.59	
		For Ash/Hickory, Add	.....	135.59	
		For Walnut, Add	.....	223.09	
		For Cherry, Add	.....	418.95	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	673.60	41.81
		For Oak, Add	.....	138.06	
		For Ash/Hickory, Add	.....	138.06	
		For Walnut, Add	.....	227.15	
		For Cherry, Add	.....	426.56	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	694.04	44.13
		For Oak, Add	.....	141.76	
		For Ash/Hickory, Add	.....	141.76	
		For Walnut, Add	.....	233.23	
		For Cherry, Add	.....	437.99	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,169.69	58.06
		For Oak, Add	.....	246.53	
		For Ash/Hickory, Add	.....	246.53	
		For Walnut, Add	.....	405.62	
		For Cherry, Add	.....	761.72	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,257.99	62.71
		For Oak, Add	.....	265.02	
		For Ash/Hickory, Add	.....	265.02	
		For Walnut, Add	.....	436.04	
		For Cherry, Add	.....	818.86	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,346.31	67.36
		For Oak, Add	.....	283.51	
		For Ash/Hickory, Add	.....	283.51	
		For Walnut, Add	.....	466.46	
		For Cherry, Add	.....	875.98	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0024			1-3/4" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002) See CSI section 08 14 73 00-0055 for all jams and track hardware.		
08 14 73 00-0025			6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)		
08 14 73 00-0026	EA		2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	749.83	32.52
			For Oak, Add	160.25	
			For Ash/Hickory, Add	160.25	
			For Walnut, Add	263.65	
			For Cherry, Add	495.12	
08 14 73 00-0027	EA		2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	786.09	34.84
			For Oak, Add	167.64	
			For Ash/Hickory, Add	167.64	
			For Walnut, Add	275.82	
			For Cherry, Add	517.97	
08 14 73 00-0028	EA		2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	806.51	37.16
			For Oak, Add	171.34	
			For Ash/Hickory, Add	171.34	
			For Walnut, Add	281.90	
			For Cherry, Add	529.40	
08 14 73 00-0029	EA		2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	829.60	39.49
			For Oak, Add	175.65	
			For Ash/Hickory, Add	175.65	
			For Walnut, Add	289.00	
			For Cherry, Add	542.73	
08 14 73 00-0030	EA		2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	850.07	41.81
			For Oak, Add	179.35	
			For Ash/Hickory, Add	179.35	
			For Walnut, Add	295.09	
			For Cherry, Add	554.15	
08 14 73 00-0031	EA		3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	870.51	44.13
			For Oak, Add	183.05	
			For Ash/Hickory, Add	183.05	
			For Walnut, Add	301.17	
			For Cherry, Add	565.58	
08 14 73 00-0032	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,485.76	58.06
			For Oak, Add	320.49	
			For Ash/Hickory, Add	320.49	
			For Walnut, Add	527.31	
			For Cherry, Add	990.24	
08 14 73 00-0033	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,589.86	62.71
			For Oak, Add	342.68	
			For Ash/Hickory, Add	342.68	
			For Walnut, Add	563.81	
			For Cherry, Add	1,058.80	
08 14 73 00-0034	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,699.26	67.36
			For Oak, Add	366.10	
			For Ash/Hickory, Add	366.10	
			For Walnut, Add	602.35	
			For Cherry, Add	1,131.16	
08 14 73 00-0035			7' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)		
08 14 73 00-0036	EA		2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	802.51	32.52
			For Oak, Add	172.57	
			For Ash/Hickory, Add	172.57	
			For Walnut, Add	283.93	
			For Cherry, Add	533.21	
08 14 73 00-0037	EA		2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	844.04	34.84
			For Oak, Add	181.20	
			For Ash/Hickory, Add	181.20	
			For Walnut, Add	298.13	
			For Cherry, Add	559.87	
08 14 73 00-0038	EA		2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	867.09	37.16
			For Oak, Add	185.52	
			For Ash/Hickory, Add	185.52	
			For Walnut, Add	305.23	
			For Cherry, Add	573.19	
08 14 73 00-0039	EA		2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	890.18	39.49
			For Oak, Add	189.83	
			For Ash/Hickory, Add	189.83	
			For Walnut, Add	312.33	
			For Cherry, Add	586.53	
08 14 73 00-0040	EA		2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	910.65	41.81
			For Oak, Add	193.53	
			For Ash/Hickory, Add	193.53	
			For Walnut, Add	318.41	
			For Cherry, Add	597.95	
08 14 73 00-0041	EA		3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	933.72	44.13
			For Oak, Add	197.84	
			For Ash/Hickory, Add	197.84	
			For Walnut, Add	325.51	
			For Cherry, Add	611.28	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,591.11	58.06	
		For Oak, Add	345.15		
		For Ash/Hickory, Add	345.15		
		For Walnut, Add	567.87		
		For Cherry, Add	1,066.41		
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,711.02	62.71	
		For Oak, Add	371.03		
		For Ash/Hickory, Add	371.03		
		For Walnut, Add	610.46		
		For Cherry, Add	1,146.40		
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,825.68	67.36	
		For Oak, Add	395.68		
		For Ash/Hickory, Add	395.68		
		For Walnut, Add	651.02		
		For Cherry, Add	1,222.56		
08 14 73 00-0045		8' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)			
08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	855.19	32.52	
		For Oak, Add	184.90		
		For Ash/Hickory, Add	184.90		
		For Walnut, Add	304.22		
		For Cherry, Add	571.29		
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	896.71	34.84	
		For Oak, Add	193.53		
		For Ash/Hickory, Add	193.53		
		For Walnut, Add	318.41		
		For Cherry, Add	597.95		
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	922.41	37.16	
		For Oak, Add	198.46		
		For Ash/Hickory, Add	198.46		
		For Walnut, Add	326.53		
		For Cherry, Add	613.19		
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	948.13	39.49	
		For Oak, Add	203.39		
		For Ash/Hickory, Add	203.39		
		For Walnut, Add	334.64		
		For Cherry, Add	628.42		
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	968.60	41.81	
		For Oak, Add	207.09		
		For Ash/Hickory, Add	207.09		
		For Walnut, Add	340.72		
		For Cherry, Add	639.85		
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	994.30	44.13	
		For Oak, Add	212.02		
		For Ash/Hickory, Add	212.02		
		For Walnut, Add	348.83		
		For Cherry, Add	655.08		
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,696.47	58.06	
		For Oak, Add	369.80		
		For Ash/Hickory, Add	369.80		
		For Walnut, Add	608.43		
		For Cherry, Add	1,142.59		
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,821.64	62.71	
		For Oak, Add	396.92		
		For Ash/Hickory, Add	396.92		
		For Walnut, Add	653.05		
		For Cherry, Add	1,226.37		
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,946.84	67.36	
		For Oak, Add	424.04		
		For Ash/Hickory, Add	424.04		
		For Walnut, Add	697.67		
		For Cherry, Add	1,310.16		
08 14 73 00-0055		Accessories (08 14 73 00-0001)			
08 14 73 00-0056		Jamb Replacement (08 14 73 00-0055)			
08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	207.69		
		For Oak, Add	18.22		
		For Ash/Hickory, Add	28.54		
		For Walnut, Add	62.40		
		For Cherry, Add	98.84		
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	212.89		
		For Oak, Add	18.81		
		For Ash/Hickory, Add	29.46		
		For Walnut, Add	64.41		
		For Cherry, Add	102.03		
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	246.70		
		For Oak, Add	22.63		
		For Ash/Hickory, Add	35.44		
		For Walnut, Add	77.50		
		For Cherry, Add	122.75		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 73 00-0060		Track And Hardware Replacement Kits (08 14 73 00-0055)	
		Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.	
08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	293.33
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	296.12
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	301.71
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door.....	354.83
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door.....	357.63
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door.....	363.22
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware.....	382.79
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door.....	385.58
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door.....	391.17
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door.....	41.90
08 14 73 00-0071		Bi-Pass Doors (08 14 73)	
		Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).	
08 14 73 00-0072		Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors (08 14 73 00-0071)	
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	318.00 74.29
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	348.46 78.93
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	379.26 83.57
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	511.92 88.22
08 14 73 00-0077		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors (08 14 73 00-0071)	
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	298.37 74.29
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	317.86 78.93
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	345.59 83.57
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	472.67 88.22
08 14 73 00-0082		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors (08 14 73 00-0071)	
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	318.55 74.29
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	347.09 78.93
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	377.00 83.57
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	513.03 88.22
08 14 76 Bifolding Wood Doors (08 14)			
08 14 76 00-0001		Bi-Fold Wood Doors (08 14 76)	
		Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.	
08 14 76 00-0002		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors (08 14 76 00-0001)	
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	159.46 55.71
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	168.75 60.36
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	181.24 65.00
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	190.52 69.64
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	240.77 74.29
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	250.05 78.93
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors.....	266.12 83.57
08 14 76 00-0010		Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors (08 14 76 00-0001)	
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	167.30 55.71
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	179.16 60.36
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	193.38 65.00
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	202.66 69.64
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	257.55 74.29
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	276.21 78.93
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....	295.85 83.57
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)	
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	167.67 55.71
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	184.18 60.36
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	198.01 65.00
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	207.29 69.64
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	261.60 74.29
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	272.51 78.93
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	295.85 83.57
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors (08 14 76 00-0001)	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

08

MINOR			TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION			UNIT COST		UNIT COST	
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	400.63		55.71	
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	456.65		60.36	
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	520.23		65.00	
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	529.51		69.64	
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	726.98		74.29	
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	829.72		78.93	
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....	947.61		83.57	
08 14 76 00-0034	Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	507.98		55.71	
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	551.37		60.36	
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	602.32		65.00	
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	611.60		69.64	
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	941.68		74.29	
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	1,019.15		78.93	
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....	1,111.78		83.57	
08 14 76 00-0042	Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	162.22		55.71	
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	174.73		60.36	
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	190.84		65.00	
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	194.37		69.64	
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	236.23		74.29	
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	254.52		78.93	
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....	283.28		83.57	
08 15	Plastic Doors (08 10)					
Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.						
08 15 13	Laminated Plastic Doors (08 15)					
See CSI section 08 70 00 00-0000 for finish hardware.						
08 16	Composite Doors (08 10)					
Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.						
08 16 13	Fiberglass Doors (08 16)					
See CSI section 08 70 00 00-0000 for finish hardware.						
08 16 13 00-0001	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors (08 16 13)					
08 16 13 00-0002	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0001)					
08 16 13 00-0003	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0002)					
Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.						
08 16 13 00-0004	Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)					
Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.						
08 16 13 00-0005	6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)					
08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,377.16		55.74	
For Custom Color Finish, Add			123.31			
For Stainless Steel Continuous Hinge, Add			274.47			
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,537.43		58.06	
For Custom Color Finish, Add			123.31			
For Stainless Steel Continuous Hinge, Add			274.47			
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,781.46		62.71	
For Custom Color Finish, Add			123.31			
For Stainless Steel Continuous Hinge, Add			274.47			
08 16 13 00-0009	7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)					

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,377.16 123.31 274.47	55.74
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,600.73 123.31 274.47	58.06
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,848.72 123.31 274.47	62.71
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)		
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014)		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,820.27 123.31 274.47	55.74
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,879.00 123.31 274.47	58.06
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,282.60 123.31 274.47	62.71
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014)		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,820.27 123.31 274.47	55.74
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,084.73 123.31 274.47	58.06
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,359.09 123.31 274.47	62.71
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0023)		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,820.27 123.31 274.47	55.74
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,879.00 123.31 274.47	58.06
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,282.60 123.31 274.47	62.71
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0023)		
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,820.27 123.31 274.47	55.74
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,084.73 123.31 274.47	58.06



Openings			08
Doors and Frames			08 10
Composite Doors			08 16

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0031	EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,359.09 123.31 274.47	62.71
08 16 13 00-0032	90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)		
08 16 13 00-0033	6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0032)		
08 16 13 00-0034	EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,820.27 123.31 274.47	55.74
08 16 13 00-0035	EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,879.00 123.31 274.47	58.06
08 16 13 00-0036	EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,282.60 123.31 274.47	62.71
08 16 13 00-0037	7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0032)		
08 16 13 00-0038	EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,820.27 123.31 274.47	55.74
08 16 13 00-0039	EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,084.73 123.31 274.47	58.06
08 16 13 00-0040	EA 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,359.09 123.31 274.47	62.71
08 16 13 00-0041	Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042	6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0041)		
08 16 13 00-0043	EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,513.00 123.31 274.47	55.74
08 16 13 00-0044	7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0041)		
08 16 13 00-0045	EA 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,513.00 123.31 274.47	55.74
08 16 13 00-0046	Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) (08 16 13 00-0002)		
08 16 13 00-0047	SI 1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf).....	0.34	
08 16 13 00-0048	SI 1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf).....	0.34	
08 16 13 00-0049	SI 1/4" Wire, Factory Installed Vision Glass (Chem-Pruf).....	0.45	
08 16 13 00-0050	SI 1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf).....	0.44	
08 16 13 00-0051	SI Factory Installed Molded Louver (Chem-Pruf).....	0.87	
08 16 13 00-0052	SI Factory Installed Molded Louver With Insect Screen (Chem-Pruf).....	0.97	
08 16 13 00-0053	LF Weather Strip (Chem-Pruf).....	9.23	
08 16 13 00-0054	LF Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf).....	11.87	
08 16 13 00-0055	LF 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf).....	25.06	
08 16 13 00-0056	LF Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf).....	27.69	
08 16 13 00-0057	LF 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf).....	54.07	
08 16 13 00-0058	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0001)		
08 16 13 00-0059	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0058) Note: White, tan, brown or gray finish. Includes factory hardware prep.		

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 16 13 00-0060	Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.				
08 16 13 00-0061	6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)				
08 16 13 00-0062	EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,818.76		55.74	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0063	EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,844.15		58.06	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0064	EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,933.23		62.71	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0065	7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)				
08 16 13 00-0066	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,818.76		55.74	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0067	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,923.94		58.06	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0068	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,933.23		62.71	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0069	Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.				
08 16 13 00-0070	45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)				
08 16 13 00-0071	6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)				
08 16 13 00-0072	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,015.56		55.74	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0073	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,077.66		58.06	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0074	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,224.18		62.71	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0075	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)				
08 16 13 00-0076	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,015.56		55.74	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0077	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,100.00		58.06	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0078	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,292.80		62.71	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			
08 16 13 00-0079	60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)				
08 16 13 00-0080	6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)				
08 16 13 00-0081	EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,015.56		55.74	
	For Custom Color Finish, Add	123.31			
	For Stainless Steel Continuous Hinge, Add	274.47			



		Openings	08
		Doors and Frames	08 10
		Composite Doors	08 16

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0082	EA		3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,077.66	58.06
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0083	EA		4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,224.18	62.71
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0084			7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)		
08 16 13 00-0085	EA		3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,015.56	55.74
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0086	EA		3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,100.00	58.06
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0087	EA		4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,292.80	62.71
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0088			90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		
08 16 13 00-0089			6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0088)		
08 16 13 00-0090	EA		3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,015.56	55.74
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0091	EA		3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,077.66	58.06
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0092	EA		4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,224.18	62.71
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0093			7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0088)		
08 16 13 00-0094	EA		3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,015.56	55.74
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0095	EA		3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,100.00	58.06
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0096	EA		4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,292.80	62.71
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0097			Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098			6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)		
08 16 13 00-0099	EA		3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,058.12	55.74
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0100			7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)		
08 16 13 00-0101	EA		3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,058.12	55.74
			For Custom Color Finish, Add	123.31	
			For Stainless Steel Continuous Hinge, Add	274.47	
08 16 13 00-0102			Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) (08 16 13 00-0058)		

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0103 SI 1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.75	
08 16 13 00-0104 SI 1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.78	
08 16 13 00-0105 SI 1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.82	
08 16 13 00-0106 SI 1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.17	
08 16 13 00-0107 SI Factory Installed Molded Louver (Skule Door)	0.47	
08 16 13 00-0108 SI Factory Installed Molded Louver With Insect Screen (Skule Door)	0.74	
08 16 13 00-0109 LF Weather Strip (Skule Door)	6.38	
08 16 13 00-0110 LF Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	7.98	
08 16 13 00-0111 LF 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	25.53	
08 16 13 00-0112 LF Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	90.96	
08 16 13 00-0113 LF 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	35.11	
08 16 13 00-0114 Galvanized Insulated Poly Core Composite Doors (08 16 13)		
08 16 13 00-0115 EA 3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	883.05	55.74
08 17 Integrated Door Opening Assemblies (08 10)		
08 17 23 Integrated Metal Door Opening Assemblies (08 17)		
08 17 23 00-0001 Pre-Hung Interior Door Units (08 17 23)		
Note: All pre-hung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
08 17 23 00-0002 Hollow Core Doors, 1-3/8" Thick (08 17 23 00-0001)		
08 17 23 00-0003 Birch Faced (08 17 23 00-0002)		
08 17 23 00-0004 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	362.14	58.06
For 8' Door Height, Add	59.04	
08 17 23 00-0005 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	377.25	58.06
For 8' Door Height, Add	62.67	
08 17 23 00-0006 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	397.03	60.39
For 8' Door Height, Add	66.30	
08 17 23 00-0007 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	406.18	62.71
For 8' Door Height, Add	67.38	
08 17 23 00-0008 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	433.59	62.71
For 8' Door Height, Add	73.96	
08 17 23 00-0009 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	457.97	65.03
For 8' Door Height, Add	78.70	
08 17 23 00-0010 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	682.46	95.23
For 8' Door Height, Add	118.08	
08 17 23 00-0011 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	726.65	102.20
For 8' Door Height, Add	125.34	
08 17 23 00-0012 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	779.82	109.16
For 8' Door Height, Add	134.76	
08 17 23 00-0013 Luan Faced (08 17 23 00-0002)		
08 17 23 00-0014 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	329.95	58.06
For 8' Door Height, Add	51.32	
08 17 23 00-0015 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	344.46	58.06
For 8' Door Height, Add	54.80	
08 17 23 00-0016 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	361.32	60.39
For 8' Door Height, Add	57.73	
08 17 23 00-0017 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	374.62	62.71
For 8' Door Height, Add	59.81	
08 17 23 00-0018 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	398.44	62.71
For 8' Door Height, Add	65.52	
08 17 23 00-0019 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	420.53	65.03
For 8' Door Height, Add	69.71	
08 17 23 00-0020 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	618.12	95.23
For 8' Door Height, Add	102.64	
08 17 23 00-0021 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	660.98	102.20
For 8' Door Height, Add	109.58	
08 17 23 00-0022 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door	716.77	109.16
For 8' Door Height, Add	119.63	
08 17 23 00-0023 Tempered Hardboard Faced (08 17 23 00-0002)		
08 17 23 00-0024 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	283.75	58.06
For 8' Door Height, Add	40.23	
08 17 23 00-0025 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	295.98	58.06
For 8' Door Height, Add	43.16	
08 17 23 00-0026 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	306.42	60.39
For 8' Door Height, Add	44.56	
08 17 23 00-0027 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	322.67	62.71
For 8' Door Height, Add	47.34	
08 17 23 00-0028 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	344.35	62.71
For 8' Door Height, Add	52.54	
08 17 23 00-0029 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	363.02	65.03
For 8' Door Height, Add	55.91	



Openings			08	08
Doors and Frames			08 10	
Integrated Door Opening Assemblies			08 17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0030	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	525.70	95.23
			For 8' Door Height, Add	80.46	
08 17 23 00-0031	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	564.06	102.20
			For 8' Door Height, Add	86.32	
08 17 23 00-0032	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	612.81	109.16
			For 8' Door Height, Add	94.68	
08 17 23 00-0033			Solid Core Doors, 1-3/8" Thick (08 17 23 00-0001)		
08 17 23 00-0034			Birch Faced (08 17 23 00-0033)		
08 17 23 00-0035	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	478.37	58.06
			For 8' Door Height, Add	86.94	
08 17 23 00-0036	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	497.42	58.06
			For 8' Door Height, Add	91.51	
08 17 23 00-0037	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	521.07	60.39
			For 8' Door Height, Add	96.07	
08 17 23 00-0038	EA		3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	548.91	62.71
			For 8' Door Height, Add	101.64	
08 17 23 00-0039	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	595.41	62.71
			For 8' Door Height, Add	112.80	
08 17 23 00-0040	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	641.15	65.03
			For 8' Door Height, Add	122.66	
08 17 23 00-0041	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	914.94	95.23
			For 8' Door Height, Add	173.88	
08 17 23 00-0042	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	966.97	102.20
			For 8' Door Height, Add	183.02	
08 17 23 00-0043	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,065.30	109.16
			For 8' Door Height, Add	203.28	
08 17 23 00-0044			Lauan Faced (08 17 23 00-0033)		
08 17 23 00-0045	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door.....	429.75	58.06
			For 8' Door Height, Add	75.27	
08 17 23 00-0046	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	446.99	58.06
			For 8' Door Height, Add	79.41	
08 17 23 00-0047	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	468.86	60.39
			For 8' Door Height, Add	83.54	
08 17 23 00-0048	EA		3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door.....	490.91	62.71
			For 8' Door Height, Add	87.72	
08 17 23 00-0049	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	531.10	62.71
			For 8' Door Height, Add	97.36	
08 17 23 00-0050	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	561.71	65.03
			For 8' Door Height, Add	103.59	
08 17 23 00-0051	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	817.69	95.23
			For 8' Door Height, Add	150.54	
08 17 23 00-0052	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	866.13	102.20
			For 8' Door Height, Add	158.82	
08 17 23 00-0053	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	949.28	109.16
			For 8' Door Height, Add	175.43	
08 17 23 00-0054			Tempered Hardboard Faced (08 17 23 00-0033)		
08 17 23 00-0055	EA		2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	386.45	58.06
			For 8' Door Height, Add	64.88	
08 17 23 00-0056	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	402.10	58.06
			For 8' Door Height, Add	68.63	
08 17 23 00-0057	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	422.44	60.39
			For 8' Door Height, Add	72.40	
08 17 23 00-0058	EA		3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	432.90	62.71
			For 8' Door Height, Add	73.80	
08 17 23 00-0059	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	466.81	62.71
			For 8' Door Height, Add	81.93	
08 17 23 00-0060	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	493.32	65.03
			For 8' Door Height, Add	87.18	
08 17 23 00-0061	PR		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	731.09	95.23
			For 8' Door Height, Add	129.75	
08 17 23 00-0062	PR		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	776.31	102.20
			For 8' Door Height, Add	137.26	
08 17 23 00-0063	PR		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	833.26	109.16
			For 8' Door Height, Add	147.59	
08 17 23 00-0064			Hollow Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0065			Birch Faced (08 17 23 00-0064)		
08 17 23 00-0066	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	423.60	58.06
			For 8' Door Height, Add	73.79	
08 17 23 00-0067	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	435.21	58.06
			For 8' Door Height, Add	76.58	
08 17 23 00-0068	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	444.14	60.39
			For 8' Door Height, Add	77.61	
08 17 23 00-0069	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	467.70	62.71
			For 8' Door Height, Add	82.15	

08 Openings**08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	517.91 94.20	62.71
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	581.22 108.27	65.03
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	805.43 147.59	95.23
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	842.53 153.16	102.20
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	902.91 164.30	109.16
08 17 23 00-0075 Lauan Faced (08 17 23 00-0064)				
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	387.76 65.19	58.06
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	406.48 69.68	58.06
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	426.31 73.33	60.39
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	436.97 74.77	62.71
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	471.22 82.99	62.71
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	498.00 88.30	65.03
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	733.73 130.38	95.23
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	785.08 139.37	102.20
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	841.44 149.55	109.16
08 17 23 00-0085 Tempered Hardboard Faced (08 17 23 00-0064)				
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	324.97 50.12	58.06
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	330.79 51.52	58.06
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	347.03 54.30	60.39
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	363.29 57.09	62.71
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	376.54 60.27	62.71
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	397.27 64.13	65.03
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	608.11 100.24	95.23
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	633.70 103.04	102.20
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door..... <i>For 8' Door Height, Add</i>	694.08 114.18	109.16
08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick (08 17 23 00-0001)				
08 17 23 00-0096 Birch Faced (08 17 23 00-0095)				
08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	533.84 100.25	58.06
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	551.23 104.42	58.06
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	561.69 105.82	60.39
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	583.73 109.99	62.71
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	634.15 122.10	62.71
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	689.70 134.31	65.03
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,025.88 200.51	95.23
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,074.58 208.85	102.20
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door..... <i>For 8' Door Height, Add</i>	1,134.95 219.99	109.16
08 17 23 00-0106 Lauan Faced (08 17 23 00-0095)				
08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	543.02 102.45	58.06
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door..... <i>For 8' Door Height, Add</i>	544.26 102.75	58.06



Openings			08	08
Doors and Frames			08 10	
Integrated Door Opening Assemblies			08 17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0109	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	561.19 105.70	60.39
08 17 23 00-0110	EA		3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	574.75 107.84	62.71
08 17 23 00-0111	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	615.36 117.59	62.71
08 17 23 00-0112	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	651.36 125.11	65.03
08 17 23 00-0113	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	1,044.25 204.91	95.23
08 17 23 00-0114	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	1,060.64 205.50	102.20
08 17 23 00-0115	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	1,116.99 215.68	109.16
08 17 23 00-0116 Tempered Hardboard Faced (08 17 23 00-0095)					
08 17 23 00-0117	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	446.81 79.36	58.06
08 17 23 00-0118	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	452.60 80.75	58.06
08 17 23 00-0119	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	463.06 82.15	60.39
08 17 23 00-0120	EA		3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	479.32 84.93	62.71
08 17 23 00-0121	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	505.28 91.16	62.71
08 17 23 00-0122	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	534.24 97.00	65.03
08 17 23 00-0123	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	851.81 158.72	95.23
08 17 23 00-0124	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	877.32 161.51	102.20
08 17 23 00-0125	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	926.11 169.87	109.16
08 17 23 00-0126 Oak Or Maple Faced (08 17 23 00-0095)					
08 17 23 00-0127	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	641.34 126.05	58.06
08 17 23 00-0128	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	644.55 126.82	58.06
08 17 23 00-0129	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	676.34 133.33	60.39
08 17 23 00-0130	EA		3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	688.09 135.04	62.71
08 17 23 00-0131	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	749.08 149.68	62.71
08 17 23 00-0132	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	825.99 167.02	65.03
08 17 23 00-0133	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	1,240.89 252.11	95.23
08 17 23 00-0134	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	1,261.26 253.65	102.20
08 17 23 00-0135	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door For 8' Door Height, Add	1,343.65 270.08	109.16
08 17 23 00-0136 Walnut Faced (08 17 23 00-0095)					
08 17 23 00-0137	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	805.37 165.42	58.06
08 17 23 00-0138	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	834.03 172.30	58.06
08 17 23 00-0139	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	848.27 174.60	60.39
08 17 23 00-0140	EA		3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	881.62 181.49	62.71
08 17 23 00-0141	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	964.82 201.46	62.71
08 17 23 00-0142	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	1,053.47 221.62	65.03
08 17 23 00-0143	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	1,568.94 330.84	95.23
08 17 23 00-0144	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	1,640.18 344.59	102.20
08 17 23 00-0145	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	1,730.74 362.98	109.16

08 30 Specialty Doors and Frames (08)

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels (08 30)

08 Openings**08 30 Specialty Doors and Frames****08 31 Access Doors and Panels**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames (08 31)**08 31 13 00-0001 Stainless Steel Access Doors (08 31 13)****08 31 13 00-0002 Fire Rated Stainless Steel Access Doors (08 31 13 00-0001)**

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	362.91	47.64
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	422.64	50.76
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	493.82	53.68
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	570.37	56.41
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	583.55	56.70
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	754.98	58.46

08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	144.23	36.53
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	172.62	47.64
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	246.44	50.76
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	264.55	53.68
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	307.34	56.41
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	350.56	56.70

08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	239.88	47.93
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	298.28	50.76
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	297.64	53.68
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	354.56	56.70
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	371.00	56.70
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	489.37	58.46
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	565.45	60.89
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	701.47	60.89
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	901.07	73.07

08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	119.94	36.73
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	128.50	47.93
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	148.57	50.76
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	152.49	53.68
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	182.03	56.70
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	186.56	56.70
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	241.96	58.46
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	322.48	60.89

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	174.40	36.53
		For Recessed Doors In Acoustical Tile, Add	14.03	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	182.36	39.16
		For Recessed Doors In Acoustical Tile, Add	15.71	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	196.10	41.40
		For Recessed Doors In Acoustical Tile, Add	16.15	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	231.00	43.84
		For Recessed Doors In Acoustical Tile, Add	13.57	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	243.02	46.27
		For Recessed Doors In Acoustical Tile, Add	14.46	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	266.93	46.27
		For Recessed Doors In Acoustical Tile, Add	10.87	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	332.34	58.46
		For Recessed Doors In Acoustical Tile, Add	14.44	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	479.15	60.89
		For Recessed Doors In Acoustical Tile, Add	-4.89	

08 31 13 00-0045 Steel Crawl Space Doors And Frames (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	199.75	61.66
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	282.46	74.73
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	316.94	81.15

08 32 Sliding Glass Doors (08 30)

Note: Includes stock frames, trim, necessary anchors and Usual hardware.

08 32 13 Sliding Aluminum-Framed Glass Doors (08 32)**08 32 13 00-0001 Residential Sliding Aluminum-Framed Glass Doors (08 32 13)**



Openings			08
Specialty Doors and Frames			08 30
Sliding Glass Doors			08 32

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 32 13 00-0002		5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 32 13 00-0001)		
08 32 13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	26.59	4.18
		For Custom Quality, Add	3.88	
		For Tempered Glass, Add	1.42	
		For Anodized Or Colored Aluminum Frames, Add	2.80	
08 32 13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	21.29	2.60
		For Custom Quality, Add	3.71	
		For Tempered Glass, Add	1.42	
		For Anodized Or Colored Aluminum Frames, Add	2.67	
08 32 13 00-0005		1" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 32 13 00-0001)		
08 32 13 00-0006	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	29.37	4.18
		For Custom Quality, Add	4.58	
		For Tempered Glass, Add	1.42	
		For Anodized Or Colored Aluminum Frames, Add	3.30	
08 32 13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	24.03	2.60
		For Custom Quality, Add	4.40	
		For Tempered Glass, Add	1.42	
		For Anodized Or Colored Aluminum Frames, Add	3.16	
08 32 19		Sliding Wood-Framed Glass Doors (08 32)		
08 32 19 00-0001		Residential Wood Sliding Doors With 5/8" Glass (08 32 19)		
08 32 19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,932.94	125.42
08 32 19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,359.67	153.29
08 32 19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,726.82	176.52
08 32 19 00-0005	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,128.66	125.42
08 32 19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,612.45	153.29
08 32 19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	3,039.65	176.52
08 33		Coiling Doors and Grilles (08 30)		
08 33 13		Coiling Counter Doors (08 33)		
08 33 13 00-0001		Overhead Rolling Counter Doors (08 33 13)		
08 33 13 00-0002		Galvanized Steel Overhead Rolling Counter Doors (08 33 13 00-0001)		
Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,055.57	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,304.29	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	5,725.35	404.47
		For Motor Operator (With Safety Reverse), Add	749.97	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,158.09	475.85
		For Motor Operator (With Safety Reverse), Add	768.37	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,174.81	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,467.09	422.93
		For Motor Operator (With Safety Reverse), Add	755.74	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,633.75	439.88
		For Motor Operator (With Safety Reverse), Add	759.97	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	7,034.53	475.85
		For Motor Operator (With Safety Reverse), Add	768.96	
08 33 13 00-0011		Stainless Steel Overhead Rolling Counter Doors (08 33 13 00-0001)		
Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	5,677.37	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	6,361.35	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	6,533.69	404.47
		For Motor Operator (With Safety Reverse), Add	749.97	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	7,961.31	475.85
		For Motor Operator (With Safety Reverse), Add	768.37	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	6,796.61	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	7,026.71	422.93
		For Motor Operator (With Safety Reverse), Add	755.74	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	7,193.37	439.88
		For Motor Operator (With Safety Reverse), Add	759.97	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	9,148.65	475.85
		For Motor Operator (With Safety Reverse), Add	768.96	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 13 00-0020		Aluminum Overhead Rolling Counter Doors (08 33 13 00-0001)	
		Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.	
08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	5,553.01
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	5,801.73
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	6,471.51
		For Motor Operator (With Safety Reverse), Add	749.97
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	7,650.41
		For Motor Operator (With Safety Reverse), Add	768.37
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	6,672.25
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	6,964.53
		For Motor Operator (With Safety Reverse), Add	755.74
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	7,162.28
		For Motor Operator (With Safety Reverse), Add	759.97
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	9,024.29
		For Motor Operator (With Safety Reverse), Add	768.96
08 33 13 00-0029		Galvanized Steel Overhead Rolling Counter Fire Doors (08 33 13 00-0001)	
		Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.	
08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	6,547.89
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	6,920.97
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	7,466.39
		For Motor Operator (With Safety Reverse), Add	749.97
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	8,023.49
		For Motor Operator (With Safety Reverse), Add	768.37
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	7,294.05
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	7,648.51
		For Motor Operator (With Safety Reverse), Add	755.74
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	7,939.53
		For Motor Operator (With Safety Reverse), Add	759.97
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	8,153.77
		For Motor Operator (With Safety Reverse), Add	768.96
08 33 13 00-0038		Stainless Steel Overhead Rolling Counter Fire Doors (08 33 13 00-0001)	
		Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.	
08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	7,418.41
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	8,413.29
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	8,585.63
		For Motor Operator (With Safety Reverse), Add	749.97
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	10,510.69
		For Motor Operator (With Safety Reverse), Add	768.37
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	8,040.21
		For Motor Operator (With Safety Reverse), Add	745.17
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	8,332.49
		For Motor Operator (With Safety Reverse), Add	755.74
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	8,623.51
		For Motor Operator (With Safety Reverse), Add	759.97
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641).....	10,640.97
		For Motor Operator (With Safety Reverse), Add	768.96
08 33 13 00-0047		Integral Frame And Sill, Overhead Rolling Counter Doors (08 33 13)	
08 33 13 00-0048		Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill (08 33 13 00-0047)	
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.	
08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....	10,651.77
		For Motor Operator (With Safety Reverse), Add	745.17



Openings			08
Specialty Doors and Frames			08 30
Coiling Doors and Grilles			08 33

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		10,900.49	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		11,197.19	
		For Motor Operator (With Safety Reverse), Add		749.97	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		11,629.93	
		For Motor Operator (With Safety Reverse), Add		768.37	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		11,024.85	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		11,379.31	
		For Motor Operator (With Safety Reverse), Add		755.74	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		11,670.33	
		For Motor Operator (With Safety Reverse), Add		759.97	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655).....		13,003.81	
		For Motor Operator (With Safety Reverse), Add		768.96	
08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill (08 33 13 00-0047)					
Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.					
08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		9,408.17	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		9,656.89	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		9,953.59	
		For Motor Operator (With Safety Reverse), Add		749.97	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		10,386.33	
		For Motor Operator (With Safety Reverse), Add		768.37	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		10,527.41	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		10,881.87	
		For Motor Operator (With Safety Reverse), Add		755.74	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		11,297.25	
		For Motor Operator (With Safety Reverse), Add		759.97	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656).....		11,635.85	
		For Motor Operator (With Safety Reverse), Add		768.96	
08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill (08 33 13 00-0047)					
Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.					
08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		14,631.29	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		15,874.89	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		18,410.07	
		For Motor Operator (With Safety Reverse), Add		749.97	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		19,837.69	
		For Motor Operator (With Safety Reverse), Add		768.37	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		16,496.69	
		For Motor Operator (With Safety Reverse), Add		745.17	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		17,846.03	
		For Motor Operator (With Safety Reverse), Add		755.74	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		19,753.73	
		For Motor Operator (With Safety Reverse), Add		759.97	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657).....		22,330.81	
		For Motor Operator (With Safety Reverse), Add		768.96	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors**With Galvanized Frame and Stainless Steel Sill** (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	12,392.81	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	12,641.53	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	13,186.95	404.47
		For Motor Operator (With Safety Reverse), Add	749.97	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	14,241.49	475.85
		For Motor Operator (With Safety Reverse), Add	768.37	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	13,138.97	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	13,990.87	422.93
		For Motor Operator (With Safety Reverse), Add	755.74	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	14,779.33	439.88
		For Motor Operator (With Safety Reverse), Add	759.97	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	17,356.41	475.85
		For Motor Operator (With Safety Reverse), Add	768.96	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....	17,740.29	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....	18,362.09	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....	20,897.27	404.47
		For Motor Operator (With Safety Reverse), Add	749.97	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	13,387.69	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	18,362.09	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	20,897.27	404.47
		For Motor Operator (With Safety Reverse), Add	749.97	

08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	11,646.65	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	13,138.97	380.68
		For Motor Operator (With Safety Reverse), Add	745.17	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	14,057.47	404.47
		For Motor Operator (With Safety Reverse), Add	749.97	



Openings			08	08
Specialty Doors and Frames			08 30	
Coiling Doors and Grilles			08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0096	EA		10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662) For Motor Operator (With Safety Reverse), Add	15,485.09 768.37	475.85
08 33 16 Coiling Counter Grilles (08 33)					
08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) (08 33 16)					
08 33 16 00-0002	EA		4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	1,845.33 205.42 88.42 157.41	166.55
08 33 16 00-0003	EA		6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,020.47 231.69 121.68 213.55	166.55
08 33 16 00-0004	EA		8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,355.86 258.21 154.94 269.69	222.03
08 33 16 00-0005	EA		12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,777.35 321.43 221.46 381.96	222.03
08 33 16 00-0006	EA		16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,785.08 425.01 331.76 503.66	333.09
08 33 16 00-0007	EA		18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,288.32 476.80 331.76 503.66	380.68
08 33 16 00-0008	EA		20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,792.81 528.58 442.06 625.36	443.96
08 33 16 00-0009	EA		24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,966.92 666.27 530.48 646.66	532.94
08 33 16 00-0010	EA		30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	7,332.68 814.40 620.91 742.30	666.19
08 33 16 00-0011	EA		4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	1,979.03 225.48 132.61 182.89	166.55
08 33 16 00-0012	EA		6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,230.57 263.21 198.91 248.73	166.55
08 33 16 00-0013	EA		8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,537.56 285.47 265.19 314.57	222.13
08 33 16 00-0014	EA		12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,023.20 358.31 397.86 446.25	222.13
08 33 16 00-0015	EA		16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,129.92 476.73 530.48 614.32	333.09
08 33 16 00-0016	EA		18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,682.64 535.95 530.48 614.32	380.68
08 33 16 00-0017	EA		20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,233.25 595.16 663.11 782.39	443.96
08 33 16 00-0018	EA		24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,542.06 752.54 795.72 901.94	532.94
08 33 16 00-0019	EA		30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	7,905.51 900.32 926.43 1,011.13	666.19

08 33 23 Overhead Coiling Doors (08 33)

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0923 for forklift.

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 11 Overhead Coiling Doors (08 33 23)

Note: Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,049.98	443.05
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,124.69	469.11
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,122.05	469.11
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,200.19	495.17
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,220.17	508.22
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,324.09	547.29
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,412.07	573.35
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,386.03	573.35
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,430.96	586.39
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,484.29	599.42
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,589.13	625.48
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,480.66	599.42
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,571.79	625.48
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,675.94	651.54
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,754.95	677.60

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,563.78	659.36
		For Insulated, Add	1,032.70	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,636.83	674.35
		For Insulated, Add	1,067.22	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,852.92	719.30
		For Insulated, Add	1,168.64	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,044.15	749.28
		For Insulated, Add	1,271.60	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,743.88	689.34
		For Insulated, Add	1,127.31	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,961.90	749.28
		For Insulated, Add	1,209.91	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,119.99	779.24
		For Insulated, Add	1,288.01	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,321.38	809.22
		For Insulated, Add	1,398.59	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,932.40	719.30
		For Insulated, Add	1,228.25	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,106.04	749.28
		For Insulated, Add	1,318.02	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,339.65	809.22
		For Insulated, Add	1,412.30	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,598.38	835.27
		For Insulated, Add	1,571.16	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,681.12	887.40
		For Insulated, Add	1,562.85	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,022.03	939.53
		For Insulated, Add	1,748.17	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,377.30	991.64
		For Insulated, Add	1,944.25	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,259.64	593.43
		For Insulated, Add	893.61	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,432.90	626.40
		For Insulated, Add	979.01	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,555.87	652.46
		For Insulated, Add	1,036.05	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,577.49	692.33
		For Insulated, Add	998.44	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,828.63	758.27
		For Insulated, Add	1,097.78	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,990.35	784.33
		For Insulated, Add	1,183.89	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,379.80	810.39
		For Insulated, Add	1,440.80	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,795.31	849.48
		For Insulated, Add	1,699.65	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,802.66	741.78
		For Insulated, Add	1,100.61	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,033.50	791.23
		For Insulated, Add	1,206.96	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,219.49	824.20
		For Insulated, Add	1,301.91	



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,593.86	850.27	
		For Insulated, Add	1,547.50		
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,994.26	889.36	
		For Insulated, Add	1,795.03		
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,308.67	857.17	
		For Insulated, Add	1,324.33		
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,552.41	890.14	
		For Insulated, Add	1,462.59		
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,993.90	942.26	
		For Insulated, Add	1,723.34		
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,487.51	1,020.45	
		For Insulated, Add	1,988.00		
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,992.65	1,124.69	
		For Insulated, Add	2,226.12		
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,549.92	1,255.00	
		For Insulated, Add	2,468.16		
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,159.30	1,411.37	
		For Insulated, Add	2,714.09		
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,819.55	1,593.80	
		For Insulated, Add	2,963.00		
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,564.33	890.14	
		For Insulated, Add	1,471.53		
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,806.03	918.81	
		For Insulated, Add	1,614.10		
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,356.88	970.93	
		For Insulated, Add	1,956.87		
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,959.84	1,049.11	
		For Insulated, Add	2,303.54		
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,552.95	1,153.37	
		For Insulated, Add	2,607.64		
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,198.19	1,283.67	
		For Insulated, Add	2,915.65		
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,895.54	1,440.04	
		For Insulated, Add	3,227.57		
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,697.13	1,648.53	
		For Insulated, Add	3,547.30		
08 33 23 11-0064		20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)			
		Note: With curtain hood (barrel cover)			
08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,352.82	1,036.48	
		For Insulated, Add	1,865.38		
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,766.63	1,088.60	
		For Insulated, Add	2,105.37		
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,262.77	1,140.73	
		For Insulated, Add	2,407.11		
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,759.56	1,218.91	
		For Insulated, Add	2,674.15		
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,336.60	1,323.16	
		For Insulated, Add	2,966.20		
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,913.11	1,427.41	
		For Insulated, Add	3,257.85		
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,097.91	1,557.71	
		For Insulated, Add	3,970.53		
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,334.84	1,714.09	
		For Insulated, Add	4,687.13		
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,235.14	1,191.95	
		For Insulated, Add	2,317.22		
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,704.31	1,244.08	
		For Insulated, Add	2,598.72		
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,123.39	1,296.20	
		For Insulated, Add	2,842.67		
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,609.08	1,374.38	
		For Insulated, Add	3,101.39		
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,188.65	1,478.64	
		For Insulated, Add	3,395.33		
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,847.08	1,582.88	
		For Insulated, Add	3,748.42		
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,839.36	1,713.19	
		For Insulated, Add	4,316.71		
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,891.36	1,869.56	
		For Insulated, Add	4,894.61		
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,667.48	1,340.96	
		For Insulated, Add	2,440.29		
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,088.59	1,393.08	
		For Insulated, Add	2,685.76		
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,759.68	1,471.27	
		For Insulated, Add	3,083.53		
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,385.93	1,575.51	
		For Insulated, Add	3,412.48		
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,068.19	1,705.82	
		For Insulated, Add	3,748.26		
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,803.07	1,862.19	
		For Insulated, Add	4,088.32		

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	10,040.85 4,770.37	2,044.62
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	11,353.84 5,473.65	2,253.11
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	6,479.81 2,778.00	1,542.10
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	7,273.02 3,302.54	1,594.22
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	8,243.37 3,637.16	1,885.47
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	9,093.39 4,169.13	1,963.66
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	10,117.29 4,796.32	2,067.91
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	11,256.72 5,510.16	2,172.15
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	12,453.76 6,232.02	2,302.47
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	13,722.00 6,972.10	2,458.84
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	7,113.81 2,870.91	1,825.53
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	8,006.20 3,434.66	1,903.72
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	9,214.61 4,111.01	2,074.02
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	10,316.82 4,832.12	2,152.20
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	11,474.79 5,559.86	2,256.45
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	12,747.89 6,373.95	2,360.70
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	14,076.92 7,194.81	2,491.00
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	15,450.38 8,013.80	2,647.37
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	7,840.10 3,169.14	2,008.08
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	8,447.49 3,554.31	2,060.20
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	9,751.48 4,461.94	2,112.33
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	10,979.34 5,277.28	2,190.51
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	12,212.16 6,061.17	2,294.76
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	13,559.25 6,930.75	2,399.01
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	13,920.06 7,869.93	1,904.53
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	16,873.72 9,029.59	2,685.69
08 33 23 11-0113		18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover).		
08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	4,694.80 2,121.87	1,036.48
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	5,155.04 2,396.68	1,088.60
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	5,709.97 2,742.51	1,140.73
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	6,257.83 3,047.85	1,218.91
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	6,890.14 3,381.35	1,323.16
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	7,521.86 3,714.41	1,427.41
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	8,845.29 4,531.07	1,557.71
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	10,220.84 5,351.63	1,714.09
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	5,662.82 2,637.98	1,191.95
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	6,186.73 2,960.54	1,244.08
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	6,653.04 3,239.91	1,296.20
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	7,188.13 3,535.68	1,374.38
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	7,823.35 3,871.36	1,478.63
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	8,549.28 4,275.07	1,582.88



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,651.31		1,713.19
		For Insulated, Add	4,925.68		
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,814.19		1,869.56
		For Insulated, Add	5,586.74		
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,115.32		1,340.96
		For Insulated, Add	2,776.17		
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,583.94		1,393.08
		For Insulated, Add	3,057.27		
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,332.25		1,471.27
		For Insulated, Add	3,512.95		
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,021.16		1,575.51
		For Insulated, Add	3,888.90		
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,766.66		1,705.82
		For Insulated, Add	4,272.11		
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,564.87		1,862.19
		For Insulated, Add	4,659.67		
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,933.58		2,044.62
		For Insulated, Add	5,439.92		
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,380.97		2,253.11
		For Insulated, Add	6,244.00		
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,989.15		1,542.10
		For Insulated, Add	3,160.00		
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,885.70		1,594.22
		For Insulated, Add	3,762.05		
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,740.30		1,885.47
		For Insulated, Add	4,009.86		
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,667.40		1,963.66
		For Insulated, Add	4,599.64		
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,781.90		2,067.91
		For Insulated, Add	5,294.77		
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,024.78		2,172.15
		For Insulated, Add	6,086.21		
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	13,325.86		2,302.47
		For Insulated, Add	6,886.09		
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,700.26		2,458.84
		For Insulated, Add	7,705.80		
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,498.56		1,825.53
		For Insulated, Add	3,159.47		
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,472.73		1,903.72
		For Insulated, Add	3,784.55		
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,777.56		2,074.02
		For Insulated, Add	4,533.22		
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,984.86		2,152.20
		For Insulated, Add	5,333.15		
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,248.33		2,256.45
		For Insulated, Add	6,140.01		
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	13,639.72		2,360.70
		For Insulated, Add	7,042.82		
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	15,087.46		2,491.00
		For Insulated, Add	7,952.71		
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	16,578.78		2,647.37
		For Insulated, Add	8,860.10		
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,264.98		2,008.08
		For Insulated, Add	3,487.80		
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,928.27		2,060.20
		For Insulated, Add	3,914.90		
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,365.57		2,112.33
		For Insulated, Add	4,922.51		
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,712.47		2,190.51
		For Insulated, Add	5,827.13		
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	13,059.12		2,294.76
		For Insulated, Add	6,696.39		
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,532.72		2,399.01
		For Insulated, Add	7,660.86		
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	15,043.64		1,904.53
		For Insulated, Add	8,712.63		
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	18,151.76		2,685.69
		For Insulated, Add	9,988.12		

08 33 23 11-0162

Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0163

0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0162)

08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,224.00	593.43
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,391.66	626.40
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,823.21	652.46
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,729.04	692.33
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,986.70	758.27
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,164.66	784.33
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,380.34	810.39
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,624.84	849.48
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,983.12	741.78

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,252.33	791.23
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,491.25	824.20
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,707.13	850.27
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,949.96	889.36
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,570.49	857.17
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,805.48	890.14
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,118.19	942.26
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,484.17	1,020.45
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,051.11	1,124.69
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,670.10	1,255.00
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,337.78	1,411.37
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,058.59	1,593.80
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,801.24	890.14
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,266.82	918.81
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,689.23	970.93
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,165.67	1,049.11
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,807.72	1,153.37
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,503.56	1,283.67
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,011.99	1,440.04
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,626.89	1,648.53

08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors (08 33 23 11-0162)

08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,344.49	1,036.48
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,903.05	1,088.60
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,450.87	1,140.73
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,007.77	1,218.91
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,651.76	1,323.16
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,295.73	1,427.41
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,001.25	1,557.71
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,758.99	1,714.09
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,065.42	1,191.95
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,649.52	1,244.08
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,209.40	1,296.20
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,838.90	1,374.38
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,568.93	1,478.64
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,339.25	1,582.88
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,129.43	1,713.19
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,930.08	1,869.56
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,660.51	1,340.96
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,286.27	1,393.08
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,025.16	1,471.27
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,805.71	1,575.51
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,646.99	1,705.82
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,535.02	1,862.19
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,473.82	2,044.62
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,470.11	2,253.11
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,466.03	1,542.10
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,103.88	1,594.22
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,151.38	1,672.40
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,886.80	1,776.66
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,800.65	1,906.96
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,790.81	2,063.33
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,790.08	2,245.76
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,869.74	2,454.26
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,633.64	1,825.53
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,472.81	1,903.72
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,593.08	2,074.02
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,511.54	2,152.20
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,480.82	2,256.45
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,459.49	2,360.70
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,439.20	2,491.00
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,477.75	2,647.37
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,414.12	2,008.08
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,928.32	2,060.20
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,164.34	2,112.33
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,193.02	2,190.51
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,218.73	2,294.76
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,244.45	2,399.01
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,462.07	2,529.32
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,772.16	2,685.69

08 33 23 11-0242 Overhead Coiling Door Accessories (08 33 23 11)

08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	3.75	1.16
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	22.32	1.39
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	21.31	1.39
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	229.39	58.06
08 33 23 11-0247	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,244.34	185.81
Note: Includes three button inside station controls and mounting hardware.				



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR		TOTAL DIRECT		DEMOLITION	
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08 33 23 11-0248	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,555.64	185.81	
Note: Includes three button inside station controls and mounting hardware.					
08 33 23 11-0249	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,469.84	209.03	
Note: Includes three button inside station controls and mounting hardware.					
08 33 23 11-0250	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,725.43	209.03	
Note: Includes three button inside station controls and mounting hardware.					
08 33 23 11-0251	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,882.12	232.26	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.					
08 33 23 11-0252	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,037.18	232.26	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.					
08 33 23 11-0253	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	84.35		
08 33 23 11-0254	EA	Remote Transmitter Kit For Coiling Door Operators	302.29	92.91	
08 33 23 11-0255		Removal And Reinstallation Of Roll-Up Door And Support (08 33 23 11)			
Note: Includes storage, cleaning and supply materials.					
08 33 23 11-0256	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	19.91		
08 33 23 13		Overhead Rapid Coiling Doors (08 33 23)			
Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0923 for forklift.					
08 33 23 13-0001		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13)			
Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.					
08 33 23 13-0002		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0001)			
08 33 23 13-0003		5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)			
08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,719.36	340.03	
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,920.82	355.82	
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,120.96	371.62	
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,319.79	387.41	
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,521.24	403.21	
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,721.39	419.00	
08 33 23 13-0010		6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)			
08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,920.82	355.82	
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,120.96	371.62	
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,319.79	387.41	
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,521.24	403.21	
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,721.39	419.00	
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,921.55	434.79	
08 33 23 13-0017		7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)			
08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,120.96	371.62	
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,319.79	387.41	
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,521.24	403.21	
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,721.39	419.00	
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,921.55	434.79	
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,123.00	450.59	
08 33 23 13-0024		8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)			
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,319.79	387.41	
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,521.24	403.21	
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,721.39	419.00	
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,921.55	434.79	
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,123.00	450.59	
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,321.83	466.38	
08 33 23 13-0031		9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)			
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,521.24	403.21	
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,721.39	419.00	
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,921.55	434.79	
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,123.00	450.59	
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,321.83	466.38	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,523.28		482.17
08 33 23 13-0038		10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)			
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	4,721.39		419.00
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	4,921.55		434.79
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,123.00		450.59
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,321.83		466.38
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,523.28		482.17
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,723.43		497.97
08 33 23 13-0045		Rytec® Bantam® Door Options (08 33 23 13-0001)			
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors.....	8.23		
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors.....	18.11		
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors.....	26.34		
		Note: Multiply linear foot price x width of door.			
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors.....	250.20		
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors.....	487.97		46.45
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors.....	487.97		46.45
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors.....	2,062.33		92.91
		Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.			
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator.....	264.10		46.45
		Note: Includes open/close/stop control.			
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator.....	257.52		46.45
08 33 23 13-0055		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0055)			
		Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.			
08 33 23 13-0056		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0055)			
08 33 23 13-0057		6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)			
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,331.70		371.62
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,516.92		387.41
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,730.18		403.21
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,026.36		419.00
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,328.65		434.79
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,835.76		450.59
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,196.56		466.38
08 33 23 13-0065		7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)			
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,557.16		387.41
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,792.37		403.21
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,087.33		419.00
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,399.37		434.79
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,810.15		450.59
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,305.08		466.38
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,696.35		482.17
08 33 23 13-0073		8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)			
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,831.38		403.21
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,125.12		419.00
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,449.36		434.79
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,872.34		450.59
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,253.87		466.38
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,792.68		482.17
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,235.18		497.97
08 33 23 13-0081		9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)			
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,165.36		419.00
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,487.16		434.79
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,910.13		450.59
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,303.86		466.38
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	13,717.08		482.17
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,146.17		497.97
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	14,616.71		513.76



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0089	10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)	
08 33 23 13-0090 EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,518.86 434.79
08 33 23 13-0091 EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,950.37 450.59
08 33 23 13-0092 EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,340.44 466.38
08 33 23 13-0093 EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,757.32 482.17
08 33 23 13-0094 EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,219.33 497.97
08 33 23 13-0095 EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,314.32 513.76
08 33 23 13-0096 EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,098.21 529.55
08 33 23 13-0097	11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)	
08 33 23 13-0098 EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,973.54 450.59
08 33 23 13-0099 EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,373.36 466.38
08 33 23 13-0100 EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,795.12 482.17
08 33 23 13-0101 EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,258.34 497.97
08 33 23 13-0102 EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,563.06 513.76
08 33 23 13-0103 EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,164.05 529.55
08 33 23 13-0104 EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,656.55 545.34
08 33 23 13-0105	12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)	
08 33 23 13-0106 EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,384.33 466.38
08 33 23 13-0107 EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,817.07 482.17
08 33 23 13-0108 EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,288.83 497.97
08 33 23 13-0109 EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,604.51 513.76
08 33 23 13-0110 EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,018.96 529.55
08 33 23 13-0111 EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,712.64 545.34
08 33 23 13-0112 EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,195.37 561.14
08 33 23 13-0113	Rytec® PredaDoor® Door Options (08 33 23 13-0055)	
08 33 23 13-0114 EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	582.09 92.91
08 33 23 13-0115 EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	844.24 92.91
08 33 23 13-0116 SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	9.88
08 33 23 13-0117	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117) Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.	
08 33 23 13-0118	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)	
08 33 23 13-0119	8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)	
08 33 23 13-0120 EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,228.21 836.14
	For NEMA 4X Control Box, Add	675.00
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00
	For AC Variable Speed Motor And Controls, Add	2,750.00
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00
08 33 23 13-0121 EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,008.39 859.83
	For NEMA 4X Control Box, Add	675.00
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00
	For AC Variable Speed Motor And Controls, Add	2,750.00
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00
08 33 23 13-0122 EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,688.59 883.52
	For NEMA 4X Control Box, Add	675.00
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00
	For AC Variable Speed Motor And Controls, Add	2,750.00
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00
08 33 23 13-0123 EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,420.01 907.21
	For NEMA 4X Control Box, Add	675.00
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00
	For AC Variable Speed Motor And Controls, Add	2,750.00
	For 304 Stainless Steel Side Frame Tower, Add	2,200.00
	For 316 Stainless Steel Side Frame Tower, Add	3,300.00

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0124	EA		8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,248.96	930.90
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0125	EA		8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,685.30	954.59
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0126	EA		8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,365.50	978.28
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0127	EA		8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,972.23	1,003.72
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0128	EA		8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,937.00	1,029.81
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0129	EA		8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,717.46	1,056.58
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0130	EA		8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,683.67	1,084.06
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0131			9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0132	EA		9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,008.39	859.83
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0133	EA		9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,688.59	883.52
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0134	EA		9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,420.01	907.21
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0135	EA		9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,248.96	930.90
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0136	EA		9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,685.30	954.59
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0137	EA		9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,365.50	978.28
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,125.00	



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,242.01 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,001.97
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,937.00 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,029.81
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,717.46 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,056.58
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,683.67 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,084.06
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	25,834.34 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,112.24
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,688.59 675.00 1,100.00 2,750.00 3,300.00 4,950.00	883.52
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,420.01 675.00 1,100.00 2,750.00 3,300.00 4,950.00	907.21
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,248.96 675.00 1,100.00 2,750.00 3,300.00 4,950.00	930.90
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,685.30 675.00 1,100.00 2,750.00 3,300.00 4,950.00	954.59
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,365.50 675.00 1,100.00 2,750.00 3,300.00 4,950.00	978.28
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,242.01 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,001.97
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,069.76 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,025.66
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,716.43 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,056.07

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0152	EA		10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,682.61	1,083.53
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0153	EA		10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,833.26	1,111.70
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0154	EA		10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,803.65	1,140.61
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
			For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)					
08 33 23 13-0156	EA		11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,420.01	907.21
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0157	EA		11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	20,248.96	930.90
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0158	EA		11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	20,685.30	954.59
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0159	EA		11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	21,365.50	978.28
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0160	EA		11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	22,242.01	1,001.97
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0161	EA		11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,069.76	1,025.66
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0162	EA		11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,995.04	1,049.35
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0163	EA		11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,680.07	1,082.27
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0164	EA		11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,830.66	1,110.40
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	
08 33 23 13-0165	EA		11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,800.98	1,139.27
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	3,850.00	
			For 316 Stainless Steel Side Frame Tower, Add	5,775.00	



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0166	EA		11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,953.21 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,168.89
08 33 23 13-0167			12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0168	EA		12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,248.96 675.00 1,100.00 2,750.00 4,400.00 6,600.00	930.90
08 33 23 13-0169	EA		12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	20,685.30 675.00 1,100.00 2,750.00 4,400.00 6,600.00	954.59
08 33 23 13-0170	EA		12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	21,365.50 675.00 1,100.00 2,750.00 4,400.00 6,600.00	978.28
08 33 23 13-0171	EA		12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	22,242.01 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,001.97
08 33 23 13-0172	EA		12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,069.76 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,025.66
08 33 23 13-0173	EA		12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,995.04 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,049.35
08 33 23 13-0174	EA		12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,660.61 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,073.04
08 33 23 13-0175	EA		12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	25,826.76 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,108.45
08 33 23 13-0176	EA		12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	26,796.98 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,137.27
08 33 23 13-0177	EA		12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,949.10 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,166.85
08 33 23 13-0178	EA		12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,102.77 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,197.18

08 33 23 13-0179 **13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** (08 33 23 13-0118)

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	21,187.66	954.59
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	22,056.85	978.28
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	22,880.93	1,001.97
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	23,837.93	1,025.66
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	24,791.25	1,049.35
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	25,499.50	1,073.04
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,038.25	1,096.74
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,866.94	1,134.72
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	28,020.26	1,164.22
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	29,179.04	1,194.50
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	30,199.82	1,225.55
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add		6,975.00	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)	(08 33 23 13-0118)		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	22,056.85	978.28
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	22,880.93	1,001.97
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	



Openings		08	08
Specialty Doors and Frames		08 30	
Coiling Doors and Grilles		08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	23,837.93	1,025.66
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	24,791.25	1,049.35
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	25,499.50	1,073.04
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,038.25	1,096.74
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,837.94	1,120.42
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	28,013.68	1,160.94
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	29,172.29	1,191.12
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	30,192.90	1,222.09
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	32,412.14	1,253.87
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add		5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add		7,370.00	
08 33 23 13-0203		15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)			
		(08 33 23 13-0118)			
08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	22,833.94	978.28
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	23,791.27	1,001.97
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	24,744.65	1,025.66
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	25,453.09	1,049.35
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	25,991.66	1,073.04
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,790.95	1,096.74
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	27,984.19	1,146.20
		For NEMA 4X Control Box, Add		675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add		1,100.00	
		For AC Variable Speed Motor And Controls, Add		2,750.00	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	29,165.33 675.00 1,100.00 2,750.00	1,187.64
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	30,185.76 675.00 1,100.00 2,750.00	1,218.51
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	32,404.80 675.00 1,100.00 2,750.00	1,250.20
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	33,967.08 675.00 1,100.00 2,750.00	1,282.71
08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)				
08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	23,834.93 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,023.80
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	24,790.51 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,048.59
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	25,501.15 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,073.38
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	26,041.93 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,098.18
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	26,843.43 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,122.97
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,987.33 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,147.77
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,135.17 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,172.55
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	30,178.63 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,214.95
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	32,397.49 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,246.55
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	33,959.58 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,278.95
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	35,531.24 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,312.21



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0227 17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)

08 33 23 13-0228	EA		17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,701.10	1,047.35
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0229	EA		17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,499.79	1,072.71
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0230	EA		17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,465.73	1,098.08
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0231	EA		17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,526.49	1,123.44
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0232	EA		17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,500.32	1,148.80
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0233	EA		17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,946.92	1,174.17
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0234	EA		17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,340.84	1,199.53
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0235	EA		17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,390.20	1,242.90
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0236	EA		17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,952.10	1,275.21
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0237	EA		17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,523.57	1,308.37
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0238	EA		17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,048.04	1,342.39
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	

08 33 23 13-0239 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0119)

08 33 23 13-0240	EA		18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,752.72	1,071.44
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
			For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0241	EA		18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,806.74	1,097.38
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
			For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0242	EA		18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,954.25	1,123.33
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
			For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0243	EA		18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,097.82	1,149.27
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
			For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0244	EA		18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,290.10	1,175.23
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
			For 316 Stainless Steel Side Frame Tower, Add	8,230.00	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,982.79	1,201.17
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
		For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,722.90	1,227.12
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
		For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,583.30	1,271.48
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
		For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,515.92	1,304.55
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
		For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,996.73	1,338.46
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
		For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	38,525.41	1,373.26
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	6,720.00	
		For 316 Stainless Steel Side Frame Tower, Add	8,230.00	
08 33 23 13-0251		19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,804.14	1,096.08
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,952.84	1,122.62
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,097.60	1,149.17
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,291.08	1,175.71
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,984.96	1,202.25
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,726.26	1,228.80
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,551.02	1,255.34
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,508.29	1,300.72
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,988.91	1,334.54
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	38,517.38	1,369.24
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	40,047.65	1,404.85
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	



Openings			08
Specialty Doors and Frames			08 30
Coiling Doors and Grilles			08 33

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 33 23 13-0263	20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)				
08 33 23 13-0264	EA 20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,950.18		1,121.29	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0265	EA 20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,096.16		1,148.44	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0266	EA 20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,290.85		1,175.60	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0267	EA 20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,985.96		1,202.75	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0268	EA 20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,728.48		1,229.90	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0269	EA 20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,554.46		1,257.05	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0270	EA 20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,475.26		1,284.21	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0271	EA 20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,981.10		1,330.64	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0272	EA 20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	38,509.38		1,365.24	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0273	EA 20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	40,039.43		1,400.74	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0274	EA 20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	41,386.99		1,437.15	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0275	21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)				
08 33 23 13-0276	EA 21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,928.90		1,202.63	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0277	EA 21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,625.24		1,230.41	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0278	EA 21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	38,367.69		1,258.19	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0279	EA 21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,197.55		1,285.97	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0280	EA 21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	40,118.28		1,313.75	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0281	EA 21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	41,626.28		1,361.26	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0282	EA 21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	43,156.14		1,396.64	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			
08 33 23 13-0283	EA 21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	44,687.83		1,432.96	
	For NEMA 4X Control Box, Add	675.00			
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00			
	For AC Variable Speed Motor And Controls, Add	2,750.00			

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	46,037.06 675.00 1,100.00 2,750.00	1,470.22
08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)				
08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	36,258.93 675.00 1,100.00 2,750.00	1,230.29
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	37,957.88 675.00 1,100.00 2,750.00	1,258.72
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	39,700.29 675.00 1,100.00 2,750.00	1,287.13
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	40,530.11 675.00 1,100.00 2,750.00	1,315.55
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	41,454.74 675.00 1,100.00 2,750.00	1,343.96
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	42,964.93 675.00 1,100.00 2,750.00	1,392.55
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	44,496.41 675.00 1,100.00 2,750.00	1,428.76
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	46,028.46 675.00 1,100.00 2,750.00	1,465.91
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	47,380.72 675.00 1,100.00 2,750.00	1,504.03
08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)				
08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	37,591.55 675.00 1,100.00 2,750.00	1,258.60
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	39,290.49 675.00 1,100.00 2,750.00	1,287.67
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	41,035.52 675.00 1,100.00 2,750.00	1,316.74
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	41,866.65 675.00 1,100.00 2,750.00	1,345.81
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	42,791.29 675.00 1,100.00 2,750.00	1,374.88
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	44,305.02 675.00 1,100.00 2,750.00	1,424.59
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	45,836.84 675.00 1,100.00 2,750.00	1,461.63
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	47,371.93 675.00 1,100.00 2,750.00	1,499.63
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	48,725.94 675.00 1,100.00 2,750.00	1,538.62



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0305		24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	38,924.16 675.00 1,100.00 2,750.00	1,287.54
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	40,624.44 675.00 1,100.00 2,750.00	1,317.28
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	42,372.12 675.00 1,100.00 2,750.00	1,347.02
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	43,204.60 675.00 1,100.00 2,750.00	1,376.75
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	44,129.24 675.00 1,100.00 2,750.00	1,406.50
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	45,643.94 675.00 1,100.00 2,750.00	1,457.35
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	47,178.80 675.00 1,100.00 2,750.00	1,495.24
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	48,716.94 675.00 1,100.00 2,750.00	1,534.13
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	50,070.10 675.00 1,100.00 2,750.00	1,574.01
08 33 23 13-0315		Rytec® Fast-Seal® Door Options (08 33 23 13-0117)		
08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors..... Note: Multiply linear foot price x width of door.	36.58	
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	396.28	
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	658.43	
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	968.27	
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,448.54	
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	231.67	
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	457.24	
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	579.17	
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	914.48	
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	268.25	
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	530.40	
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	658.43	
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	1,060.80	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	479.15	
		For 304 Stainless Steel, Add	76.66	
		For 316 Stainless Steel, Add	335.41	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	622.90	
		For 304 Stainless Steel, Add	99.66	
		For 316 Stainless Steel, Add	436.03	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	814.56	
		For 304 Stainless Steel, Add	130.33	
		For 316 Stainless Steel, Add	570.19	
08 33 23 13-0332	EA	Through Wall Brake Release	136.28	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box, Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons.....	13,751.60	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	-6,200.00	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0334	High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13) Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.		
08 33 23 13-0335	High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0334)		
08 33 23 13-0336	8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	22,741.92 836.14
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	22,944.68 859.83
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	23,301.52 883.52
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	23,658.37 907.21
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,016.53 930.90
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,373.37 954.59
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,574.82 978.28
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,936.47 1,003.72
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,607.58 1,029.81
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,816.53 1,056.59
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,336.31 1,084.06
08 33 23 13-0348	9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	22,944.68 859.83
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	23,146.13 883.52
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	23,504.30 907.21
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,016.53 930.90
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,217.98 954.59
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,574.82 978.28
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,932.98 1,001.97
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,298.12 1,029.81
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,125.99 1,056.59
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,956.54 1,084.06
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	27,787.23 1,112.24
08 33 23 13-0360	10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,075.83 883.52
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,278.61 907.21
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,635.45 930.90
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,147.68 954.59
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,504.52 978.28
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,862.68 1,001.97
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,219.53 1,025.66
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,745.20 1,056.07
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	27,419.03 1,083.53
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	28,405.06 1,111.70
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	29,238.51 1,140.60
08 33 23 13-0372	11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,123.22 907.21
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,480.06 930.90
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,838.22 954.59
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,350.45 978.28
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	25,707.29 1,001.97
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,064.14 1,025.66
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	26,887.14 1,049.35
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	27,881.34 1,082.26
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	28,867.32 1,110.40
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	29,854.76 1,139.28
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	30,688.31 1,168.89
08 33 23 13-0384	12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,325.99 930.90
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	24,682.83 954.59



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,039.67	978.28
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,551.90	1,001.97
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,064.14	1,025.66
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,041.22	1,049.35
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,018.29	1,073.04
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,018.81	1,108.45
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,160.21	1,137.28
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,149.05	1,166.84
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,139.43	1,197.18
08 33 23 13-0396 13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)				
(08 33 23 13-0335)				
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,682.83	954.59
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,885.60	978.28
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,242.44	1,001.97
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,910.07	1,025.66
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,041.22	1,049.35
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,173.68	1,073.04
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,150.75	1,096.74
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,310.51	1,134.72
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,454.61	1,164.22
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,598.91	1,194.50
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,590.71	1,225.55
08 33 23 13-0408 14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)				
(08 33 23 13-0335)				
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,885.60	978.28
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,087.05	1,001.97
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,599.29	1,025.66
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,576.37	1,049.35
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,018.29	1,073.04
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,150.75	1,096.74
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,437.29	1,120.42
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,602.09	1,160.94
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,747.53	1,191.13
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,933.25	1,222.09
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,197.27	1,253.87
08 33 23 13-0420 15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)				
(08 33 23 13-0335)				
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,860.30	1,000.78
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,218.24	1,025.02
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,731.55	1,049.25
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,398.95	1,073.49
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,997.35	1,097.72
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,284.97	1,121.95
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,572.61	1,146.20
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,740.58	1,187.64
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,041.50	1,218.51
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,344.01	1,250.21
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,648.19	1,282.70
08 33 23 13-0432 16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)				
(08 33 23 13-0335)				
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,060.41	1,023.80
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,574.85	1,048.59
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,089.29	1,073.38
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,378.02	1,098.18
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,131.61	1,122.97
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,421.68	1,147.77
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,710.42	1,172.55
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,034.37	1,214.95
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,336.70	1,246.55
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,640.68	1,278.95
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,101.74	1,312.21
08 33 23 13-0444 17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)				
(08 33 23 13-0335)				
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,418.28	1,047.35
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,778.46	1,072.71
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,068.34	1,098.07
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,358.22	1,123.44
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,112.96	1,148.80
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,558.24	1,174.16

08 Openings
08 30 Specialty Doors and Frames
08 33 Coiling Doors and Grilles



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0451 EA 17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,848.12	1,199.53
08 33 23 13-0452 EA 17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,329.42	1,242.90
08 33 23 13-0453 EA 17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,633.21	1,275.21
08 33 23 13-0454 EA 17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,094.07	1,308.37
08 33 23 13-0455 EA 17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,556.64	1,342.39
08 33 23 13-0456 18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0457 EA 18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,775.92	1,071.44
08 33 23 13-0458 EA 18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,137.27	1,097.38
08 33 23 13-0459 EA 18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,893.16	1,123.34
08 33 23 13-0460 EA 18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,339.61	1,149.27
08 33 23 13-0461 EA 18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,095.52	1,175.22
08 33 23 13-0462 EA 18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,541.94	1,201.17
08 33 23 13-0463 EA 18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,143.78	1,227.12
08 33 23 13-0464 EA 18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,625.75	1,271.48
08 33 23 13-0465 EA 18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,086.41	1,304.55
08 33 23 13-0466 EA 18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,548.79	1,338.46
08 33 23 13-0467 EA 18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,012.95	1,373.26
08 33 23 13-0468 19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0469 EA 19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,444.13	1,096.07
08 33 23 13-0470 EA 19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,962.06	1,122.63
08 33 23 13-0471 EA 19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,874.54	1,149.17
08 33 23 13-0472 EA 19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,322.17	1,175.71
08 33 23 13-0473 EA 19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,234.65	1,202.25
08 33 23 13-0474 EA 19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,682.30	1,228.80
08 33 23 13-0475 EA 19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,284.00	1,255.34
08 33 23 13-0476 EA 19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,769.33	1,300.73
08 33 23 13-0477 EA 19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,385.59	1,334.55
08 33 23 13-0478 EA 19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,849.52	1,369.25
08 33 23 13-0479 EA 19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,470.66	1,404.85
08 33 23 13-0480 20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0481 EA 20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,424.24	1,121.29
08 33 23 13-0482 EA 20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,943.40	1,148.44
08 33 23 13-0483 EA 20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,701.71	1,175.60
08 33 23 13-0484 EA 20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,305.97	1,202.74
08 33 23 13-0485 EA 20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,219.66	1,229.90
08 33 23 13-0486 EA 20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,822.59	1,257.06
08 33 23 13-0487 EA 20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,426.83	1,284.22
08 33 23 13-0488 EA 20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,068.31	1,330.65
08 33 23 13-0489 EA 20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,687.44	1,365.25
08 33 23 13-0490 EA 20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,307.05	1,400.73
08 33 23 13-0491 EA 20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,928.52	1,437.16
08 33 23 13-0492 21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0493 EA 21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,631.21	1,147.08
08 33 23 13-0494 EA 21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,081.32	1,174.85
08 33 23 13-0495 EA 21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,531.42	1,202.63
08 33 23 13-0496 EA 21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,290.97	1,230.41
08 33 23 13-0497 EA 21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,205.93	1,258.19
08 33 23 13-0498 EA 21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,965.50	1,285.97
08 33 23 13-0499 EA 21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,569.67	1,313.75
08 33 23 13-0500 EA 21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,368.68	1,361.26
08 33 23 13-0501 EA 21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,989.41	1,396.65
08 33 23 13-0502 EA 21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,610.65	1,432.96
08 33 23 13-0503 EA 21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,389.16	1,470.21
08 33 23 13-0504 22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)		
08 33 23 13-0505 EA 22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,993.43	1,173.46
08 33 23 13-0506 EA 22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,289.42	1,201.89
08 33 23 13-0507 EA 22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,516.43	1,230.29
08 33 23 13-0508 EA 22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,277.27	1,258.72
08 33 23 13-0509 EA 22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,347.58	1,287.13
08 33 23 13-0510 EA 22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,108.42	1,315.55
08 33 23 13-0511 EA 22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,715.19	1,343.96
08 33 23 13-0512 EA 22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,516.39	1,392.55
08 33 23 13-0513 EA 22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,292.81	1,428.76
08 33 23 13-0514 EA 22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,071.10	1,465.91



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	46,851.34	1,504.03
08 33 23 13-0516 23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)				
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	30,132.50	1,200.45
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	31,274.41	1,229.53
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,347.33	1,258.60
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,264.87	1,287.66
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,336.49	1,316.73
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,098.63	1,345.80
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,016.17	1,374.88
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,819.61	1,424.59
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,597.70	1,461.63
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	46,533.09	1,499.63
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	48,315.08	1,538.62
08 33 23 13-0528 24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) (08 33 23 13-0335)				
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	31,117.43	1,228.06
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	31,951.21	1,257.80
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,334.93	1,287.54
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,098.42	1,317.28
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	38,326.75	1,347.02
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,245.62	1,376.75
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,163.19	1,406.50
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,124.30	1,457.35
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	45,904.08	1,495.24
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	47,841.23	1,534.12
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	49,780.41	1,574.01
08 33 23 13-0540 Rytec® Powerhouse™ Door Options (08 33 23 13-0334)				
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,014.78	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,054.29	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,093.80	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,133.30	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,172.81	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,212.31	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,251.82	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,291.32	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,330.83	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,370.33	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,409.84	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,449.35	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,488.85	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,528.36	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,567.86	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,607.37	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,646.87	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors.....	460.90	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door.....	1,132.49	
Note: Includes System 4 Controller In NEMA 4 Enclosure				
08 33 23 13-0560 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 23 13)				
Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.				
08 33 23 13-0561 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 23 13-0560)				
08 33 23 13-0562 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)				
08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,512.55	1,114.85
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,219.58	1,138.54
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,926.61	1,162.23
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	26,634.85	1,185.92
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	27,341.88	1,209.61
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	28,048.90	1,233.31
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	30,074.00	1,256.99
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	30,777.84	1,282.13
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	31,482.28	1,307.77
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	32,187.76	1,333.93
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	32,894.26	1,360.61



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0574		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)	
08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,219.58 1,138.54
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,926.61 1,162.23
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,634.85 1,185.92
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,341.88 1,209.61
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,048.90 1,233.31
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,755.93 1,256.99
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,781.03 1,280.69
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,475.02 1,306.30
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,192.63 1,332.43
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,899.09 1,359.08
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,606.61 1,386.25
08 33 23 13-0586		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)	
08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,926.61 1,162.23
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,634.85 1,185.92
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,341.88 1,209.61
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,048.90 1,233.31
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,755.93 1,256.99
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,462.96 1,280.69
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,488.06 1,304.37
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,193.97 1,330.46
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,900.35 1,357.07
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,607.79 1,384.22
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,316.33 1,411.89
08 33 23 13-0598		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)	
08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,634.85 1,185.92
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,341.88 1,209.61
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,048.90 1,233.31
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,755.93 1,256.99
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,462.96 1,280.69
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,169.99 1,304.37
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,193.87 1,328.06
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,902.05 1,354.63
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,609.40 1,381.71
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,317.83 1,409.35
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,027.34 1,437.55
08 33 23 13-0610		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)	
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,341.88 1,209.61
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,048.90 1,233.31
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,755.93 1,256.99
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,462.96 1,280.69
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,169.99 1,304.37
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,877.01 1,328.06
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,902.11 1,351.76
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,610.12 1,378.79
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,318.43 1,406.37
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,027.85 1,434.49
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,739.70 1,463.19
08 33 23 13-0622		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)	
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,048.90 1,233.31
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,755.93 1,256.99
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,462.96 1,280.69
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,169.99 1,304.37
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,877.01 1,328.06
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,584.04 1,351.76
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,609.15 1,375.44
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,318.19 1,402.95
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,027.46 1,431.01
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,737.87 1,459.64
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,449.41 1,488.83
08 33 23 13-0634		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)	
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,074.00 1,256.99



Openings			08
Specialty Doors and Frames			08 30
Coiling Doors and Grilles			08 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0636	EA		14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,781.03	1,280.69
08 33 23 13-0637	EA		14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,488.06	1,304.37
08 33 23 13-0638	EA		14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,193.87	1,328.06
08 33 23 13-0639	EA		14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,902.11	1,351.76
08 33 23 13-0640	EA		14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,609.15	1,375.44
08 33 23 13-0641	EA		14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,310.08	1,399.14
08 33 23 13-0642	EA		14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,019.68	1,427.12
08 33 23 13-0643	EA		14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,729.92	1,455.66
08 33 23 13-0644	EA		14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,441.31	1,484.78
08 33 23 13-0645	EA		14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,153.87	1,514.46
08 33 23 13-0646 15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0647	EA		15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,777.84	1,282.13
08 33 23 13-0648	EA		15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,487.22	1,306.30
08 33 23 13-0649	EA		15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,193.97	1,330.46
08 33 23 13-0650	EA		15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,902.05	1,354.63
08 33 23 13-0651	EA		15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,610.12	1,378.79
08 33 23 13-0652	EA		15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,318.19	1,402.95
08 33 23 13-0653	EA		15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,019.68	1,427.12
08 33 23 13-0654	EA		15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,729.92	1,455.66
08 33 23 13-0655	EA		15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,441.31	1,484.78
08 33 23 13-0656	EA		15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,153.87	1,514.46
08 33 23 13-0657	EA		15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,867.60	1,544.76
08 33 23 13-0658 16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0659	EA		16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,482.28	1,307.77
08 33 23 13-0660	EA		16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,192.63	1,332.43
08 33 23 13-0661	EA		16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,900.35	1,357.07
08 33 23 13-0662	EA		16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,609.40	1,381.71
08 33 23 13-0663	EA		16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,318.43	1,406.37
08 33 23 13-0664	EA		16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,027.46	1,431.01
08 33 23 13-0665	EA		16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,729.92	1,455.66
08 33 23 13-0666	EA		16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,441.31	1,484.78
08 33 23 13-0667	EA		16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,153.87	1,514.46
08 33 23 13-0668	EA		16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,867.60	1,544.76
08 33 23 13-0669	EA		16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,583.86	1,575.66
08 33 23 13-0670 17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0671	EA		17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,187.76	1,333.93
08 33 23 13-0672	EA		17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,899.09	1,359.08
08 33 23 13-0673	EA		17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,607.79	1,384.22
08 33 23 13-0674	EA		17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,317.83	1,409.35
08 33 23 13-0675	EA		17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,027.85	1,434.49
08 33 23 13-0676	EA		17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,737.87	1,459.64
08 33 23 13-0677	EA		17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,441.31	1,484.78
08 33 23 13-0678	EA		17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,153.87	1,514.46
08 33 23 13-0679	EA		17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,867.60	1,544.76
08 33 23 13-0680	EA		17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,583.86	1,575.66
08 33 23 13-0681	EA		17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,300.04	1,607.17
08 33 23 13-0682 18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0683	EA		18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,040.44	1,360.61
08 33 23 13-0684	EA		18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,751.47	1,386.25
08 33 23 13-0685	EA		18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,462.50	1,411.89
08 33 23 13-0686	EA		18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,172.20	1,437.55
08 33 23 13-0687	EA		18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,884.56	1,463.19
08 33 23 13-0688	EA		18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,594.26	1,488.83
08 33 23 13-0689	EA		18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,300.04	1,514.46
08 33 23 13-0690	EA		18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,013.77	1,544.76
08 33 23 13-0691	EA		18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,728.72	1,575.66
08 33 23 13-0692	EA		18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,444.90	1,607.17
08 33 23 13-0693	EA		18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,162.35	1,639.32
08 33 23 13-0694 19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0695	EA		19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,965.29	1,387.83
08 33 23 13-0696	EA		19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,678.66	1,413.98
08 33 23 13-0697	EA		19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,389.41	1,440.14
08 33 23 13-0698	EA		19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,101.47	1,466.28
08 33 23 13-0699	EA		19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,813.53	1,492.45

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0700 EA 19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,525.57	1,518.60
08 33 23 13-0701 EA 19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,231.05	1,544.76
08 33 23 13-0702 EA 19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,946.00	1,575.66
08 33 23 13-0703 EA 19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,662.18	1,607.17
08 33 23 13-0704 EA 19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,379.63	1,639.32
08 33 23 13-0705 EA 19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,099.68	1,672.10
08 33 23 13-0706 20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)		
08 33 23 13-0707 EA 20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,109.48	1,415.86
08 33 23 13-0708 EA 20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,824.42	1,441.87
08 33 23 13-0709 EA 20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,535.81	1,468.82
08 33 23 13-0710 EA 20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,249.44	1,495.76
08 33 23 13-0711 EA 20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,962.12	1,522.70
08 33 23 13-0712 EA 20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,674.83	1,548.72
08 33 23 13-0713 EA 20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,381.88	1,575.66
08 33 23 13-0714 EA 20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,098.21	1,607.24
08 33 23 13-0715 EA 20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,815.47	1,639.76
08 33 23 13-0716 EA 20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,534.59	1,672.28
08 33 23 13-0717 EA 20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,254.64	1,705.72
08 33 23 13-0718 Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0560)		
08 33 23 13-0719 8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0720 EA 8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,570.41	743.23
08 33 23 13-0721 EA 8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,110.44	759.03
08 33 23 13-0722 EA 8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,650.48	774.82
08 33 23 13-0723 EA 8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,188.08	790.61
08 33 23 13-0724 EA 8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,728.13	806.40
08 33 23 13-0725 EA 8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,268.17	822.20
08 33 23 13-0726 EA 8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	32,890.27	837.99
08 33 23 13-0727 9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0728 EA 9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,110.44	759.03
08 33 23 13-0729 EA 9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,650.48	774.82
08 33 23 13-0730 EA 9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,188.08	790.61
08 33 23 13-0731 EA 9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,728.13	806.40
08 33 23 13-0732 EA 9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,268.17	822.20
08 33 23 13-0733 EA 9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,808.20	837.99
08 33 23 13-0734 EA 9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	33,430.32	853.79
08 33 23 13-0735 10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0736 EA 10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,650.48	774.82
08 33 23 13-0737 EA 10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,188.08	790.61
08 33 23 13-0738 EA 10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,728.13	806.40
08 33 23 13-0739 EA 10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,268.17	822.20
08 33 23 13-0740 EA 10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,808.20	837.99
08 33 23 13-0741 EA 10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,348.24	853.79
08 33 23 13-0742 EA 10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	33,970.35	869.59
08 33 23 13-0743 11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0744 EA 11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,188.08	790.61
08 33 23 13-0745 EA 11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,728.13	806.40
08 33 23 13-0746 EA 11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,268.17	822.20
08 33 23 13-0747 EA 11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,808.20	837.99
08 33 23 13-0748 EA 11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,348.24	853.79
08 33 23 13-0749 EA 11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,888.27	869.59
08 33 23 13-0750 EA 11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,507.95	885.38
08 33 23 13-0751 12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0752 EA 12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,728.13	806.40
08 33 23 13-0753 EA 12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,268.17	822.20
08 33 23 13-0754 EA 12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,808.20	837.99
08 33 23 13-0755 EA 12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,348.24	853.79
08 33 23 13-0756 EA 12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,888.27	869.59
08 33 23 13-0757 EA 12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,428.31	885.38



Openings			08
Specialty Doors and Frames			08 30
Coiling Doors and Grilles			08 33

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	35,048.00	901.17
08 33 23 13-0759 13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)					
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	27,268.17	822.20
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	27,808.20	837.99
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	28,348.24	853.79
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	28,888.27	869.59
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	29,428.31	885.38
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	29,968.36	901.17
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	35,588.03	916.97
08 33 23 13-0767 14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)					
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	32,890.27	837.99
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	33,430.32	853.79
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	33,970.35	869.59
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	34,507.95	885.38
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	35,048.00	901.17
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	35,588.03	916.97
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	.....	36,128.07	932.76
08 33 23 13-0775 Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0560)					
08 33 23 13-0776 8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	22,828.02	743.23
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	23,368.05	759.03
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	23,908.09	774.82
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,446.91	790.61
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,986.95	806.40
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	25,525.78	818.02
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	29,204.43	822.20
08 33 23 13-0784 9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	23,368.05	759.03
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	23,908.09	774.82
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,446.91	790.61
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,986.95	806.40
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	25,525.78	822.20
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,053.73	831.95
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	27,917.94	837.99
08 33 23 13-0792 10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	23,908.09	774.82
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,446.91	790.61
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,986.95	806.40
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	25,525.78	822.20
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,065.81	837.99
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,597.49	849.61
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	28,609.17	853.79
08 33 23 13-0800 11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,446.91	790.61
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,986.95	806.40
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	25,525.78	822.20
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,065.81	837.99
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,605.85	853.79
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	27,137.52	865.40
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	29,300.40	869.59
08 33 23 13-0808 12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	24,986.95	806.40
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	25,525.78	822.20
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,065.81	837.99
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,605.85	853.79

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	27,145.88	869.59
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	27,675.70	880.26
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	29,991.63	885.38
08 33 23 13-0816 13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	25,525.78	822.20
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,065.81	837.99
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	26,605.85	853.79
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	27,145.88	869.59
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	27,685.92	885.38
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	28,216.67	896.53
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	30,682.88	901.17
08 33 23 13-0824 14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral FV®) (08 33 23 13-0775)					
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	29,236.01	837.99
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	29,927.24	853.79
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	30,618.47	869.59
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	31,308.49	885.38
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	32,000.95	901.17
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	32,683.82	912.78
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	.....	32,692.18	916.97
08 33 23 13-0832 Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral SST-HZ®) (08 33 23 13-0560)					
08 33 23 13-0833 8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral SST-HZ®) (08 33 23 13-0832)					
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	30,570.48	743.23
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	31,256.53	759.03
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	31,941.28	774.82
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	32,988.17	790.61
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	34,036.37	806.40
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	35,084.57	822.20
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	36,132.76	837.99
08 33 23 13-0841 9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral SST-HZ®) (08 33 23 13-0832)					
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	31,256.53	759.03
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	31,941.28	774.82
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	32,626.03	790.61
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	33,674.23	806.40
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	34,721.11	822.20
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	35,769.30	837.99
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	36,824.09	853.79
08 33 23 13-0849 10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral SST-HZ®) (08 33 23 13-0832)					
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	31,941.28	774.82
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	32,626.03	790.61
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	33,310.78	806.40
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	34,358.98	822.20
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	35,405.85	837.99
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	36,454.05	853.79
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	37,515.41	869.59
08 33 23 13-0857 11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral SST-HZ®) (08 33 23 13-0832)					
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	32,626.03	790.61
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	33,310.78	806.40
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	33,995.53	822.20
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	35,043.72	837.99
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	36,091.92	853.79
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	37,138.79	869.59
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	38,205.43	885.38
08 33 23 13-0865 12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors					
(Rytec® Spiral SST-HZ®) (08 33 23 13-0832)					
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	33,310.78	806.40
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	.....	33,995.53	822.20



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,680.27	837.99
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,728.47	853.79
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,776.66	869.59
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,823.54	885.38
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,898.09	901.17
08 33 23 13-0873 13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)				
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	33,995.53	822.20
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,680.27	837.99
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,365.02	853.79
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,413.21	869.59
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,461.41	885.38
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,509.62	901.17
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	39,589.41	916.97
08 33 23 13-0881 14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)				
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	34,680.27	837.99
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	35,365.02	853.79
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	36,049.76	869.59
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	37,097.96	885.38
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	38,146.17	901.17
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	39,194.36	916.97
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	40,274.16	932.76
08 33 23 13-0889 Rytec® Spiral® Door Options (08 33 23 13-0560)				
08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Per door price.	396.28	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Maximum of 4 per door.	268.25	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Maximum of 4 per door.	396.28	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Maximum of 4 per door.	268.25	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Maximum of 4 per door.	396.28	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors.....	751.34	46.45
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	2,161.09	92.91
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	3,874.22	92.91
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	4,404.62	92.91
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors.....	460.90	
08 33 23 13-0900 Activation And Control Box Options For High Speed Doors (08 33 23 13)				
08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors.....	190.45	46.45
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors.....	143.99	23.22
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	180.57	23.22
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors.....	125.71	23.22
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	192.77	23.22
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors.....	314.70	23.22
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	345.18	23.22
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors..... Note: Includes one receiver and two transmitters.	535.63	41.81
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors..... Note: Excludes sealant.	721.44	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors.....	462.11	41.81
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	602.69	41.81
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors.....	519.08	27.87
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors..... Note: Includes wall box and mounting hardware.	361.16	46.45
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors..... Note: Includes wall box and mounting hardware.	489.19	46.45
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors..... Note: Includes wall box and mounting hardware.	556.25	46.45
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors..... Note: Includes mounting hardware.	690.37	46.45
08 33 26 Overhead Coiling Grilles (08 33)				
Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0923 for forklift.				
08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) (08 33 26)				
08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	2,273.71 255.47 176.83 239.36	199.86

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0003	EA		6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,577.61	199.86
			For Lexan Lattice Pattern, Add	301.06	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	265.25	
			For Staggered Brick Pattern, Add	324.17	
08 33 26 00-0004	EA		8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,101.91	249.82
			For Lexan Lattice Pattern, Add	358.11	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	353.66	
			For Staggered Brick Pattern, Add	408.98	
08 33 26 00-0005	EA		12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,540.17	249.82
			For Lexan Lattice Pattern, Add	423.85	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	436.11	
			For Staggered Brick Pattern, Add	578.59	
08 33 26 00-0006	EA		16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	4,871.66	399.71
			For Lexan Lattice Pattern, Add	559.17	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	707.31	
			For Staggered Brick Pattern, Add	815.95	
08 33 26 00-0007	EA		20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	6,054.58	499.64
			For Lexan Lattice Pattern, Add	694.49	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	884.14	
			For Staggered Brick Pattern, Add	1,053.29	
08 33 26 00-0008	EA		24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	7,632.89	599.56
			For Lexan Lattice Pattern, Add	888.18	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,060.97	
			For Staggered Brick Pattern, Add	1,184.82	
08 33 26 00-0009	EA		30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	9,305.93	732.80
			For Lexan Lattice Pattern, Add	1,082.83	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,228.84	
			For Staggered Brick Pattern, Add	1,292.21	
08 33 26 00-0010	EA		4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,493.98	199.86
			For Lexan Lattice Pattern, Add	288.51	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	221.03	
			For Staggered Brick Pattern, Add	284.37	
08 33 26 00-0011	EA		6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,896.73	199.86
			For Lexan Lattice Pattern, Add	348.93	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	331.54	
			For Staggered Brick Pattern, Add	403.82	
08 33 26 00-0012	EA		8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,455.74	249.82
			For Lexan Lattice Pattern, Add	411.51	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	442.08	
			For Staggered Brick Pattern, Add	523.27	
08 33 26 00-0013	EA		12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	4,004.60	249.82
			For Lexan Lattice Pattern, Add	493.84	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	663.11	
			For Staggered Brick Pattern, Add	762.17	
08 33 26 00-0014	EA		16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	5,481.68	399.71
			For Lexan Lattice Pattern, Add	650.67	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	884.14	
			For Staggered Brick Pattern, Add	1,050.93	
08 33 26 00-0015	EA		20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	6,808.04	499.64
			For Lexan Lattice Pattern, Add	807.50	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,105.17	
			For Staggered Brick Pattern, Add	1,339.68	
08 33 26 00-0016	EA		24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	8,543.23	599.56
			For Lexan Lattice Pattern, Add	1,024.73	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,326.37	
			For Staggered Brick Pattern, Add	1,551.46	
08 33 26 00-0017	EA		30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	10,711.59	732.80
			For Lexan Lattice Pattern, Add	1,293.68	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,552.99	
			For Staggered Brick Pattern, Add	1,737.98	
08 33 26 00-0018	EA		4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,746.21	199.86
			For Lexan Lattice Pattern, Add	326.35	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	265.25	
			For Staggered Brick Pattern, Add	328.72	
08 33 26 00-0019	EA		6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	2,819.23	199.86
			For Lexan Lattice Pattern, Add	337.30	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	397.86	
			For Staggered Brick Pattern, Add	482.13	
08 33 26 00-0020	EA		8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	3,433.48	249.82
			For Lexan Lattice Pattern, Add	407.85	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	530.47	
			For Staggered Brick Pattern, Add	635.54	
08 33 26 00-0021	EA		12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	4,531.03	249.82
			For Lexan Lattice Pattern, Add	572.48	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	795.70	
			For Staggered Brick Pattern, Add	942.37	
08 33 26 00-0022	EA		16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	6,344.01	399.71
			For Lexan Lattice Pattern, Add	780.02	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,060.96	
			For Staggered Brick Pattern, Add	1,310.17	
08 33 26 00-0023	EA		20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift.....	8,008.42	499.64
			For Lexan Lattice Pattern, Add	987.56	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,326.20	
			For Staggered Brick Pattern, Add	1,677.96	



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0024 EA 24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	9,709.79 1,199.72 1,591.45 1,774.22	599.56
08 33 26 00-0025 EA 30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	12,100.40 1,502.00 1,844.26 1,933.03	732.80
08 33 26 00-0026 EA 4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,197.36 394.02 309.33 608.01	199.86
08 33 26 00-0027 EA 6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,689.92 467.90 464.09 746.55	199.86
08 33 26 00-0028 EA 8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,329.70 542.60 618.84 869.30	249.82
08 33 26 00-0029 EA 12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,364.41 697.81 928.34 1,102.34	249.82
08 33 26 00-0030 EA 16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	7,204.39 909.08 1,237.80 1,474.73	399.71
08 33 26 00-0031 EA 20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	8,893.69 1,120.35 1,547.24 1,847.12	499.64
08 33 26 00-0032 EA 24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	10,628.92 1,337.59 1,856.69 2,094.84	599.56
08 33 26 00-0033 EA 30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift..... For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	13,597.77 1,726.61 2,191.84 2,393.45	732.80
08 33 26 00-0034 Coiling Grilles Accessories (08 33 26)		
08 33 26 00-0035 LF For Overhead Framed Rolling Grille Supports.....	96.38	
08 33 36 Side Coiling Grilles (08 33)		
08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) (08 33 36)		
08 33 36 00-0002 EA 12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	3,855.09 338.74 530.48 578.59	558.83
08 33 36 00-0003 EA 18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,366.81 497.36 813.71 926.71	717.86
08 33 36 00-0004 EA 24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,941.14 653.25 1,060.97 1,184.82	905.15
08 33 36 00-0005 EA 30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	8,300.00 816.57 1,228.84 1,292.21	999.27
08 33 36 00-0006 EA 12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	4,641.23 423.13 663.11 762.17	637.15
08 33 36 00-0007 EA 18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	6,486.63 622.08 976.59 1,157.34	818.36
08 33 36 00-0008 EA 24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	8,293.04 801.72 1,326.37 1,551.46	1,031.53
08 33 36 00-0009 EA 30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	10,070.92 1,020.41 1,552.99 1,737.98	1,139.17
08 33 36 00-0010 EA 12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated For Lexan Lattice Pattern, Add For Aluminum With Clear Or Anodized Bronze Finish, Add For Staggered Brick Pattern, Add	5,437.09 507.91 795.70 942.37	717.86

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0011 EA 18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated.....	7,612.28	922.00
For Lexan Lattice Pattern, Add	745.31	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,174.86	
For Staggered Brick Pattern, Add	1,436.87	
08 33 36 00-0012 EA 24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated.....	9,837.03	1,162.49
For Lexan Lattice Pattern, Add	979.88	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,591.45	
For Staggered Brick Pattern, Add	1,774.22	
08 33 36 00-0013 EA 30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated.....	11,831.66	1,282.40
For Lexan Lattice Pattern, Add	1,224.85	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,844.26	
For Staggered Brick Pattern, Add	1,933.03	
08 33 36 00-0014 EA 12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated.....	6,225.05	793.71
For Lexan Lattice Pattern, Add	593.87	
For Aluminum With Clear Or Anodized Bronze Finish, Add	928.34	
For Staggered Brick Pattern, Add	1,102.34	
08 33 36 00-0015 EA 18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated.....	8,737.42	1,019.26
For Lexan Lattice Pattern, Add	870.02	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,342.72	
For Staggered Brick Pattern, Add	1,596.46	
08 33 36 00-0016 EA 24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated.....	11,281.66	1,285.06
For Lexan Lattice Pattern, Add	1,143.20	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,856.69	
For Staggered Brick Pattern, Add	2,094.84	
08 33 36 00-0017 EA 30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated.....	13,574.87	1,418.96
For Lexan Lattice Pattern, Add	1,428.25	
For Aluminum With Clear Or Anodized Bronze Finish, Add	2,191.84	
For Staggered Brick Pattern, Add	2,393.45	

08 33 43 Overhead Coiling Smoke Curtains (08 33)

08 33 43 00-0001 Elevator Smoke Guard (08 33 43)		
08 33 43 00-0002 EA Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400).....	10,067.14	558.83
08 33 43 00-0003 EA Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400).....	10,425.72	558.83
08 33 43 00-0004 EA Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400).....	10,784.29	558.83

08 34 Special Function Doors (08 30)**08 34 13 Cold Storage Doors (08 34)**

08 34 13 00-0001 Vertical Sliding Cold Storage Doors (08 34 13)		
Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0002 EA 7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane.....	6,032.92	798.68
For Adjusting Height Of Door To Fit Opening <7' Height, Add	398.56	
08 34 13 00-0003 EA 7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane.....	7,738.04	1,013.94
For Adjusting Height Of Door To Fit Opening <7' Height, Add	506.97	

08 34 13 00-0004 Horizontal Sliding Cold Storage Doors (08 34 13)

Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0005 EA 6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane.....	4,845.67	637.87
08 34 13 00-0006 EA 7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane.....	5,461.49	719.29
08 34 13 00-0007 EA 7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane.....	7,061.85	947.93
08 34 13 00-0008 EA 5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane.....	4,227.65	579.56

08 34 13 00-0009 Swinging Horizontal Hinged Cold Storage Doors (08 34 13)

Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0010 EA 3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane.....	2,434.40	376.98

08 34 16 Hangar Doors (08 34)

08 34 16 00-0001 SF 70' To 120' Wide X To 20' High Hanger Door 25' Panels.....	59.09	15.93
Note: Includes motorized opener and special hardware.		
08 34 16 00-0002 SF 120' To 180' Wide X To 20' High Hanger Door 25' Panels.....	53.29	15.93
Note: Includes motorized opener and special hardware.		
08 34 16 00-0003 SF 120' To 180' Wide X 20-40' High Hanger Door 25' Panels.....	53.91	3.41
Note: Includes motorized opener and special hardware.		
08 34 16 00-0004 SF 120' To 180' Wide X 40-60' High Hanger Door 25' Panels.....	56.03	2.28
Note: Includes motorized opener and special hardware.		
08 34 16 00-0005 SF 120' To 180' Wide X 60-80' High Hanger Door 25' Panels.....	59.17	2.28
Note: Includes motorized opener and special hardware.		
08 34 16 00-0006 SF 120' To 180' Wide x >80' High Hanger Door 25' Panels.....	92.45	2.28
Note: Includes motorized opener and special hardware.		

08 34 23 Sidewalk and Basement Doors (08 34)

08 34 23 00-0001 Drainage Doors (08 34 23)		
08 34 23 00-0002 Single Leaf Aluminum Drainage Doors (08 34 23 00-0001)		
Note: Bilco - J Series.		



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Special Function Doors	08 34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0003 EA 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,044.19	165.46
08 34 23 00-0004 EA 2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,282.82	172.89
08 34 23 00-0005 EA 3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,361.96	176.61
08 34 23 00-0006 EA 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,501.36	180.32
08 34 23 00-0007 EA 3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,749.43	189.62
08 34 23 00-0008 EA 2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,783.09	185.25
08 34 23 00-0009 EA 3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,983.59	189.62
08 34 23 00-0010 EA 2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,070.39	193.99
08 34 23 00-0011 EA 3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,270.92	198.35
08 34 23 00-0012 EA 3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,635.54	209.50
08 34 23 00-0013 Double Leaf Aluminum Drainage Doors (08 34 23 00-0001)		
Note: Bilco - JD Series.		
08 34 23 00-0014 EA 4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,117.59	185.25
08 34 23 00-0015 EA 4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,224.09	198.35
08 34 23 00-0016 EA 4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,819.51	220.65
08 34 23 00-0017 EA 5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,899.80	220.65
08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)		
Note: Bilco - J H2O Series.		
08 34 23 00-0019 EA 2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,666.38	165.46
08 34 23 00-0020 EA 2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,945.15	172.89
08 34 23 00-0021 EA 3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,117.99	176.61
08 34 23 00-0022 EA 3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,397.87	180.32
08 34 23 00-0023 EA 3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,773.07	189.62
08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)		
Note: Bilco - JD H2O Series.		
08 34 23 00-0025 EA 4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,773.23	185.25
08 34 23 00-0026 EA 4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,709.31	198.35
08 34 23 00-0027 EA 4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,274.82	220.65
08 34 23 00-0028 EA 5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,967.07	220.65
08 34 23 00-0029 Single Leaf Steel Drainage Doors (08 34 23 00-0001)		
Note: Bilco - J Series.		
08 34 23 00-0030 EA 2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,503.26	165.46
08 34 23 00-0031 EA 2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,579.50	172.89
08 34 23 00-0032 EA 3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,761.71	176.61
08 34 23 00-0033 EA 3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,953.25	180.32
08 34 23 00-0034 EA 3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,274.00	189.62
08 34 23 00-0035 EA 2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,165.23	185.25
08 34 23 00-0036 EA 3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,469.25	189.62
08 34 23 00-0037 EA 2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,457.18	193.99
08 34 23 00-0038 EA 3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,742.62	198.35
08 34 23 00-0039 EA 3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,926.71	209.50
08 34 23 00-0040 Double Leaf Steel Drainage Doors (08 34 23 00-0001)		
Note: Bilco - JD Series.		
08 34 23 00-0041 EA 4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,667.31	185.25
08 34 23 00-0042 EA 4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,798.40	198.35
08 34 23 00-0043 EA 4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,492.00	220.65
08 34 23 00-0044 EA 5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,594.27	220.65
08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors (08 34 23 00-0001)		
Note: Bilco - J H2O Series.		
08 34 23 00-0046 EA 2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,581.80	165.46
08 34 23 00-0047 EA 2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,732.42	172.89
08 34 23 00-0048 EA 3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,830.98	176.61
08 34 23 00-0049 EA 3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,338.65	180.32
08 34 23 00-0050 EA 3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,938.34	189.62
08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors (08 34 23 00-0001)		
Note: Bilco - JD H2O Series.		
08 34 23 00-0052 EA 4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,340.91	185.25
08 34 23 00-0053 EA 4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,853.21	198.35
08 34 23 00-0054 EA 4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,220.39	220.65
08 34 23 00-0055 EA 5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,034.44	220.65
08 34 23 00-0056 Single Leaf Aluminum Drainage Door (08 34 23 00-0001)		
Note: Bilco - J-R (Odor Resistant).		
08 34 23 00-0057 EA 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,877.01	165.46
08 34 23 00-0058 EA 2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,246.38	172.89
08 34 23 00-0059 EA 3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,387.89	176.61

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0060 EA 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	2,532.06	180.32
08 34 23 00-0061 EA 3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,875.43	189.62
08 34 23 00-0062 Non-Drainage Doors (08 34 23)		
08 34 23 00-0063 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - Q Series.		
08 34 23 00-0064 EA 2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,004.13	165.46
08 34 23 00-0065 EA 2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,215.92	172.89
08 34 23 00-0066 EA 3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,301.81	176.61
08 34 23 00-0067 EA 3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,354.20	180.32
08 34 23 00-0068 EA 3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,702.60	189.62
08 34 23 00-0069 EA 2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,535.58	185.25
08 34 23 00-0070 EA 3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,715.98	189.62
08 34 23 00-0071 EA 2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,923.10	193.99
08 34 23 00-0072 EA 3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,036.84	198.35
08 34 23 00-0073 EA 3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,314.66	209.50
08 34 23 00-0074 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - K Series.		
08 34 23 00-0075 EA 2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	823.50	165.46
08 34 23 00-0076 EA 2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	988.45	172.89
08 34 23 00-0077 EA 3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,094.41	176.61
08 34 23 00-0078 EA 3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,166.88	180.32
08 34 23 00-0079 EA 3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,354.71	189.62
08 34 23 00-0080 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - QD Series.		
08 34 23 00-0081 EA 4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,950.37	185.25
08 34 23 00-0082 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - KD Series.		
08 34 23 00-0083 EA 4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,869.59	198.35
08 34 23 00-0084 EA 4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,625.60	220.65
08 34 23 00-0085 EA 5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,679.12	220.65
08 34 23 00-0086 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - T Series.		
08 34 23 00-0087 EA 2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	903.78	165.46
08 34 23 00-0088 EA 2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	1,055.35	172.89
08 34 23 00-0089 EA 3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,127.87	176.61
08 34 23 00-0090 EA 3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	1,233.78	180.32
08 34 23 00-0091 EA 3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	1,441.68	189.62
08 34 23 00-0092 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - TD Series.		
08 34 23 00-0093 EA 4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,983.32	198.35
08 34 23 00-0094 EA 4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,766.09	220.65
08 34 23 00-0095 EA 5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,806.23	220.65
08 34 23 00-0096 Single Leaf Steel Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - Q Series.		
08 34 23 00-0097 EA 2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,019.85	165.46
08 34 23 00-0098 EA 2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,142.51	172.89
08 34 23 00-0099 EA 3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,287.58	176.61
08 34 23 00-0100 EA 3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,367.52	180.32
08 34 23 00-0101 EA 2' 6" x 4' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,562.78	180.32
08 34 23 00-0102 Double Leaf Steel Non-Drainage Doors (08 34 23 00-0062)		
Note: Bilco - QD Series.		
08 34 23 00-0103 EA 4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,081.55	185.25
08 34 23 00-0104 Basement Doors (08 34 23)		
Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0105 EA 45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series).....	1,384.02	209.03
08 34 23 00-0106 EA 30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series).....	1,162.90	158.40
08 34 23 00-0107 EA 22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series).....	1,207.51	174.19
08 34 23 00-0108 EA 19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series).....	1,290.28	185.81
08 34 23 00-0109 EA 52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series).....	1,427.83	209.03

08 34 53 Security Doors and Frames (08 34)



		Openings	08
		Specialty Doors and Frames	08 30
		Special Function Doors	08 34

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 34 53 00-0001 Metal Security Doors, Bullet Resistant (08 34 53)					
Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.					
08 34 53 00-0002	SF	Metal Security Door	54.03		7.81
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door.....	2,191.79		389.72
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door.....	2,582.25		413.70
08 34 53 00-0005 Metal Security Doors (08 34 53)					
Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.					
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O).....	886.55		71.37
Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.					
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O).....	886.55		71.37
Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.					
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O).....	1,258.46		71.37
Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.					
08 34 56 Security Gates (08 34)					
08 34 56 00-0001 Pivoting Double Folding Gate (08 34 56)					
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.					
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	967.68		177.02
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,086.32		199.15
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,167.76		221.28
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,286.38		243.40
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,102.15		179.23
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,183.78		201.36
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,297.93		223.49
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,384.29		245.61
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,162.35		181.44
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,243.74		203.57
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,312.42		214.63
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,381.35		225.70
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,472.11		247.82
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,278.43		183.65
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,359.56		205.78
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,437.49		216.84
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,534.77		227.91
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,671.57		250.03
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,454.77		188.08
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,558.83		212.42
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,678.30		225.70
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,748.31		232.34
08 34 56 00-0024 Pivoting Single Folding Gate (08 34 56)					
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.					
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	656.93		123.91
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	702.97		128.33
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	749.01		132.76
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	803.92		141.62
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	840.21		150.46
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	702.84		128.33
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	749.07		132.76
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	795.11		137.19
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	849.97		146.04
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	886.48		154.89
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	767.47		132.76
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	813.71		137.19
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	859.69		141.62
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	914.70		150.46
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	969.79		159.31
08 34 56 00-0040 Window Gates, Expands From 2' To 4' (08 34 56)					
Note: Includes padlock hasp and galvanized finish. Excludes padlock.					
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening.....	267.11		48.68
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening.....	275.96		53.11
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening.....	275.96		53.11
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening.....	285.54		57.53
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening.....	285.54		57.53
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening.....	294.39		61.96
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening.....	294.40		61.96
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening.....	303.24		66.38
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening.....	303.24		66.38
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening.....	312.10		70.80
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening.....	312.10		70.80

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 34 56 00-0052	Pivoting Door Gate, Expands From 2' To 4' (08 34 56)		
	Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053	EA 61" High Pivoting Door Gate, Up To 4' Wide Opening	320.95	75.24
08 34 56 00-0054	EA 63" High Pivoting Door Gate, Up To 4' Wide Opening	323.22	75.24
08 34 56 00-0055	EA 66" High Pivoting Door Gate, Up To 4' Wide Opening	335.07	79.66
08 34 56 00-0056	EA 71" High Pivoting Door Gate, Up To 4' Wide Opening	346.95	84.08
08 34 56 00-0057	EA 73" High Pivoting Door Gate, Up To 4' Wide Opening	349.96	84.08
08 34 56 00-0058	EA 76" High Pivoting Door Gate, Up To 4' Wide Opening	361.82	88.51
08 34 56 00-0059	EA 79" High Pivoting Door Gate, Up To 4' Wide Opening	364.83	88.51
08 34 56 00-0060	EA 81" High Pivoting Door Gate, Up To 4' Wide Opening	375.76	92.93
08 34 56 00-0061	EA 83" High Pivoting Door Gate, Up To 4' Wide Opening	379.70	92.93

08 34 73 Sound Control Door Assemblies (08 34)**08 34 73 13 Metal Sound Control Door Assemblies (08 34 73)**

08 34 73 13-0001	Steel Acoustical Door Assembly (08 34 73 13)		
	Note: Includes seal.		
08 34 73 13-0002	Steel Acoustical Doors (08 34 73 13-0001)		
	Note: Includes hinges.		
08 34 73 13-0003	EA 3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	3,239.71	55.74
	For 60 Minutes Fire Rated, Add	188.95	
	For 3" x 33" Vision Lite, Add	1,312.98	
	For 20" x 64" Vision Lite, Add	1,405.04	
08 34 73 13-0004	EA 3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated)	3,433.31	58.06
	For 60 Minutes Fire Rated, Add	188.95	
	For 3" x 33" Vision Lite, Add	1,312.98	
	For 20" x 64" Vision Lite, Add	1,405.04	
08 34 73 13-0005	EA 4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated)	3,631.56	62.71
	For 60 Minutes Fire Rated, Add	188.95	
	For 3" x 33" Vision Lite, Add	1,312.98	
	For 20" x 64" Vision Lite, Add	1,405.04	
08 34 73 13-0006	PR Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	6,468.28	105.91
	For 1 Hour Fire Rated, Add	377.91	
	For 3" x 33" Windows, Add	2,625.97	
	For 20" x 64" Windows, Add	2,810.08	

08 34 73 13-0007 Steel Acoustical Door Frames (08 34 73 13-0001)

08 34 73 13-0008	EA 3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,637.36	92.91
08 34 73 13-0009	EA 3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,706.80	92.91
08 34 73 13-0010	EA 3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,776.25	92.91
08 34 73 13-0011	EA 3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,845.69	92.91
08 34 73 13-0012	EA 3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,017.70	102.20
08 34 73 13-0013	EA 3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,095.22	102.20
08 34 73 13-0014	EA 3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,164.66	102.20
08 34 73 13-0015	EA 3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,250.79	102.20
08 34 73 13-0016	EA 4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,406.51	106.84
08 34 73 13-0017	EA 4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,475.95	106.84
08 34 73 13-0018	EA 4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,545.40	106.84
08 34 73 13-0019	EA 4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,622.92	106.84
08 34 73 13-0020	EA 6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,052.27	120.78
08 34 73 13-0021	EA 6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,118.49	120.78
08 34 73 13-0022	EA 6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,189.55	120.78
08 34 73 13-0023	EA 6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,262.22	120.78

08 34 73 16 Wood Sound Control Door Assemblies (08 34 73)

08 34 73 16-0001	Wood Acoustical Door Assembly (08 34 73 16)		
	Note: Includes the prefinished door, frame, hinges and seals.		
08 34 73 16-0002	EA 3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	3,205.55	167.22
08 34 73 16-0003	EA 3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated)	4,416.79	167.22

08 35 Folding Doors and Grilles (08 30)**08 35 13 Folding Doors (08 35)****08 35 13 13 Accordion Folding Doors (08 35 13)**

08 35 13 13-0001	Accordion Folding Doors (08 35 13 13)		
	Note: Includes track, fittings and hardware, complete.		
08 35 13 13-0002	SF Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	63.96	9.29
	For Fire Retardant, Add	13.90	
08 35 13 13-0003	SF 1/32" Thick, Single Ply Vinyl, Accordion Folding Door	15.29	9.29
	For Fire Retardant, Add	1.73	



Openings			08
Specialty Doors and Frames			08 30
Folding Doors and Grilles			08 35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 35 13 13-0004	SF		0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door <i>For Fire Retardant, Add</i>	30.54 5.54	9.29
08 35 13 13-0005	SF		3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door <i>For Fire Retardant, Add</i>	42.03 8.42	9.29
08 36 Panel Doors (08 30)					
08 36 13 Sectional Doors (08 36)					
Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0923 for forklift.					
08 36 13 00-0001			Sectional Wood Overhead Doors (Width x Height) (08 36 13)		
08 36 13 00-0002			Wood Sectional Overhead Doors (08 36 13 00-0001) Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0003	EA		8' x 8', Wood Sectional Door, Manual Lift.....	2,656.62	371.62
08 36 13 00-0004	EA		10' x 10', Wood Sectional Door, Manual Lift.....	3,322.88	412.49
08 36 13 00-0005	EA		12' x 12', Wood Sectional Door, Manual Lift.....	4,252.74	494.25
08 36 13 00-0006	EA		14' x 14', Wood Sectional Door, Manual Lift.....	6,185.36	572.29
08 36 13 00-0007	EA		12' x 16', Wood Sectional Door, Manual Lift.....	6,595.99	743.23
08 36 13 00-0008	EA		20' x 8', Wood Sectional Door, Manual Lift.....	6,195.66	929.04
08 36 13 00-0009	EA		20' x 16', Wood Sectional Door, Manual Lift.....	11,489.90	1,238.41
08 36 13 00-0010			Residential Grade, Wood Sectional Overhead Doors (08 36 13 00-0001) Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0011	EA		9' x 7', Residential Grade, Wood Sectional Door, Manual Lift..... <i>For Hardboard Face, Add</i> <i>For Insulation, Add</i> <i>For Motor Operator With Remote Controls, Add</i> <i>For Each Glass Vision Panel In Door, Add</i>	1,373.77 115.00 117.00 413.69 50.00	185.81
08 36 13 00-0012	EA		16' x 7', Residential Grade, Wood Sectional Door, Manual Lift..... <i>For Hardboard Face, Add</i> <i>For Insulation, Add</i> <i>For Motor Operator With Remote Controls, Add</i> <i>For Each Glass Vision Panel In Door, Add</i>	2,198.41 115.00 117.00 441.31 50.00	185.81
08 36 13 00-0013			Sectional Metal Overhead Doors (Width x Height) (08 36 13)		
08 36 13 00-0014			Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)		
08 36 13 00-0015			Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014) Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0016	EA		8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	1,540.09 129.02 222.44 101.43 283.83	325.16
08 36 13 00-0017	EA		8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,242.38 155.75 268.54 122.45 342.65	371.62
08 36 13 00-0018	EA		8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,242.34 190.43 328.33 149.72 418.94	464.52
08 36 13 00-0019	EA		10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	1,735.26 143.84 248.01 113.09 316.46	371.62
08 36 13 00-0020	EA		10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,137.17 175.18 302.03 137.73 385.39	464.52
08 36 13 00-0021	EA		10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,685.29 214.24 369.39 168.44 471.34	603.88
08 36 13 00-0022	EA		10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	3,168.59 243.91 420.53 191.76 536.60	743.23
08 36 13 00-0023	EA		12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,068.04 165.16 284.75 129.85 363.34	464.52

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0024 EA 12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,581.57	603.88
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	199.20	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	343.46	
For Aluminum, Mill Finish, Add	156.62	
For Aluminum, Anodized Finish, Add	438.25	
08 36 13 00-0025 EA 12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,149.85	743.23
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	241.19	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	415.85	
For Aluminum, Mill Finish, Add	189.63	
For Aluminum, Anodized Finish, Add	530.62	
08 36 13 00-0026 EA 12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,715.26	882.59
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	282.76	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	487.52	
For Aluminum, Mill Finish, Add	222.31	
For Aluminum, Anodized Finish, Add	622.08	
08 36 13 00-0027 EA 12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,431.19	1,068.40
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	332.69	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	573.60	
For Aluminum, Mill Finish, Add	261.56	
For Aluminum, Anodized Finish, Add	731.91	
08 36 13 00-0028 EA 14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,444.71	603.88
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	179.36	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	309.24	
For Aluminum, Mill Finish, Add	141.01	
For Aluminum, Anodized Finish, Add	394.59	
08 36 13 00-0029 EA 14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,007.23	743.23
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	220.51	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	380.19	
For Aluminum, Mill Finish, Add	173.37	
For Aluminum, Anodized Finish, Add	485.12	
08 36 13 00-0030 EA 14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,708.76	929.04
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	268.35	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	462.67	
For Aluminum, Mill Finish, Add	210.98	
For Aluminum, Anodized Finish, Add	590.36	
08 36 13 00-0031 EA 14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,277.04	1,068.40
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	310.34	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	535.06	
For Aluminum, Mill Finish, Add	243.99	
For Aluminum, Anodized Finish, Add	682.74	
08 36 13 00-0032 EA 14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,921.67	1,207.75
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	363.39	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	626.54	
For Aluminum, Mill Finish, Add	285.70	
For Aluminum, Anodized Finish, Add	799.47	
08 36 13 00-0033 EA 16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,956.80	743.23
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	213.20	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	367.58	
For Aluminum, Mill Finish, Add	167.62	
For Aluminum, Anodized Finish, Add	469.04	
08 36 13 00-0034 EA 16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,655.45	929.04
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	260.62	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	449.34	
For Aluminum, Mill Finish, Add	204.90	
For Aluminum, Anodized Finish, Add	573.36	
08 36 13 00-0035 EA 16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,304.40	1,068.40
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	314.30	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	541.90	
For Aluminum, Mill Finish, Add	247.11	
For Aluminum, Anodized Finish, Add	691.47	
08 36 13 00-0036 EA 16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,137.77	1,207.75
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	394.73	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	680.57	
For Aluminum, Mill Finish, Add	310.34	
For Aluminum, Anodized Finish, Add	868.40	
08 36 13 00-0037 EA 16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,986.26	1,393.56
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	463.87	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	799.78	
For Aluminum, Mill Finish, Add	364.70	
For Aluminum, Anodized Finish, Add	1,020.52	
08 36 13 00-0038 EA 18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,766.40	929.04
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	276.70	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	477.08	
For Aluminum, Mill Finish, Add	217.55	
For Aluminum, Anodized Finish, Add	608.75	
08 36 13 00-0039 EA 18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,503.23	1,068.40
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	343.13	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	591.61	
For Aluminum, Mill Finish, Add	269.77	
For Aluminum, Anodized Finish, Add	754.89	
08 36 13 00-0040 EA 18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,454.71	1,207.75
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	440.69	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	759.80	
For Aluminum, Mill Finish, Add	346.47	
For Aluminum, Anodized Finish, Add	969.51	



Openings			08	08
Specialty Doors and Frames			08 30	
Panel Doors			08 36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0041	EA		18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,304.65	1,393.56
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	510.04	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	879.38	
			For Aluminum, Mill Finish, Add	401.00	
			For Aluminum, Anodized Finish, Add	1,122.09	
08 36 13 00-0042	EA		18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,243.90	1,579.37
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	592.35	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,021.29	
			For Aluminum, Mill Finish, Add	465.71	
			For Aluminum, Anodized Finish, Add	1,303.16	
08 36 13 00-0043	EA		20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,277.04	1,068.40
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	310.34	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	535.06	
			For Aluminum, Mill Finish, Add	243.99	
			For Aluminum, Anodized Finish, Add	682.74	
08 36 13 00-0044	EA		20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,013.88	1,207.75
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	376.77	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	649.60	
			For Aluminum, Mill Finish, Add	296.22	
			For Aluminum, Anodized Finish, Add	828.88	
08 36 13 00-0045	EA		20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,193.72	1,393.56
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	493.95	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	851.65	
			For Aluminum, Mill Finish, Add	388.35	
			For Aluminum, Anodized Finish, Add	1,086.70	
08 36 13 00-0046	EA		20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,043.65	1,579.37
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	563.31	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	971.22	
			For Aluminum, Mill Finish, Add	442.88	
			For Aluminum, Anodized Finish, Add	1,239.28	
08 36 13 00-0047	EA		20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,708.99	1,765.18
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	750.90	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,294.65	
			For Aluminum, Mill Finish, Add	590.36	
			For Aluminum, Anodized Finish, Add	1,651.97	
08 36 13 00-0048	EA		22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,760.31	1,207.75
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	340.00	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	586.20	
			For Aluminum, Mill Finish, Add	267.31	
			For Aluminum, Anodized Finish, Add	747.99	
08 36 13 00-0049	EA		22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,883.99	1,393.56
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	449.04	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	774.21	
			For Aluminum, Mill Finish, Add	353.04	
			For Aluminum, Anodized Finish, Add	987.90	
08 36 13 00-0050	EA		22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,978.82	1,579.37
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	553.91	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	955.02	
			For Aluminum, Mill Finish, Add	435.49	
			For Aluminum, Anodized Finish, Add	1,218.60	
08 36 13 00-0051	EA		22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,243.65	1,765.18
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	683.42	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,178.32	
			For Aluminum, Mill Finish, Add	537.31	
			For Aluminum, Anodized Finish, Add	1,503.53	
08 36 13 00-0052	EA		22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,299.54	1,950.99
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	782.65	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,349.40	
			For Aluminum, Mill Finish, Add	615.32	
			For Aluminum, Anodized Finish, Add	1,721.83	
08 36 13 00-0053	EA		24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,271.71	1,393.56
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	360.26	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	621.14	
			For Aluminum, Mill Finish, Add	283.24	
			For Aluminum, Anodized Finish, Add	792.58	
08 36 13 00-0054	EA		24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,440.00	1,579.37
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	475.78	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	820.31	
			For Aluminum, Mill Finish, Add	374.06	
			For Aluminum, Anodized Finish, Add	1,046.72	
08 36 13 00-0055	EA		24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,857.56	1,765.18
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	627.44	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,081.79	
			For Aluminum, Mill Finish, Add	493.30	
			For Aluminum, Anodized Finish, Add	1,380.37	
08 36 13 00-0056	EA		24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,786.67	1,950.99
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	708.28	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,221.18	
			For Aluminum, Mill Finish, Add	556.86	
			For Aluminum, Anodized Finish, Add	1,558.22	
08 36 13 00-0057	EA		24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,868.53	2,136.79
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	811.27	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,398.74	
			For Aluminum, Mill Finish, Add	637.82	
			For Aluminum, Anodized Finish, Add	1,784.79	

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0058	Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014)		
	Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.		
08 36 13 00-0059	EA 8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,964.05	325.16
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	164.22	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	328.43	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	853.92	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,642.15	
	For Aluminum, Mill Finish, Add	149.76	
	For Aluminum, Anodized Finish, Add	419.08	
08 36 13 00-0060	EA 8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,343.61	371.62
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	200.05	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	400.10	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,040.25	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,000.48	
	For Aluminum, Mill Finish, Add	182.44	
	For Aluminum, Anodized Finish, Add	510.52	
08 36 13 00-0061	EA 8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,877.18	464.52
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	243.52	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	487.04	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,266.29	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,435.18	
	For Aluminum, Mill Finish, Add	222.09	
	For Aluminum, Anodized Finish, Add	621.46	
08 36 13 00-0062	EA 10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,285.17	371.62
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	192.74	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	385.49	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,002.26	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	1,927.43	
	For Aluminum, Mill Finish, Add	175.78	
	For Aluminum, Anodized Finish, Add	491.88	
08 36 13 00-0063	EA 10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,805.20	464.52
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	234.52	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	469.04	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,219.50	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,345.20	
	For Aluminum, Mill Finish, Add	213.88	
	For Aluminum, Anodized Finish, Add	598.50	
08 36 13 00-0064	EA 10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,563.45	603.88
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	294.46	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	588.93	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,531.21	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,944.63	
	For Aluminum, Mill Finish, Add	268.55	
	For Aluminum, Anodized Finish, Add	751.47	
08 36 13 00-0065	EA 10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,127.47	743.23
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	330.13	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	660.25	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,716.65	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,301.25	
	For Aluminum, Mill Finish, Add	301.07	
	For Aluminum, Anodized Finish, Add	842.48	
08 36 13 00-0066	EA 12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,695.16	464.52
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	220.77	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	441.53	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,147.98	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,207.65	
	For Aluminum, Mill Finish, Add	201.34	
	For Aluminum, Anodized Finish, Add	563.39	
08 36 13 00-0067	EA 12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,355.61	603.88
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	268.48	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	536.97	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,396.11	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	2,684.83	
	For Aluminum, Mill Finish, Add	244.86	
	For Aluminum, Anodized Finish, Add	685.17	
08 36 13 00-0068	EA 12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,090.79	743.23
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	325.54	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	651.08	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,692.81	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,255.40	
	For Aluminum, Mill Finish, Add	296.89	
	For Aluminum, Anodized Finish, Add	830.78	
08 36 13 00-0069	EA 12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,781.13	882.59
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	376.99	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	753.99	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	1,960.37	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	3,769.94	
	For Aluminum, Mill Finish, Add	343.82	
	For Aluminum, Anodized Finish, Add	962.09	
08 36 13 00-0070	EA 12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,804.83	1,068.40
	For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	458.51	
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	917.01	
	For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,384.23	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,585.05	
	For Aluminum, Mill Finish, Add	418.16	
	For Aluminum, Anodized Finish, Add	1,170.10	



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Panel Doors	08 36	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	3,193.94 248.27 496.55 1,291.02 2,482.74 226.43 633.59	603.88
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	3,961.73 309.41 618.82 1,608.92 3,094.08 282.18 789.61	743.23
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	4,815.63 369.69 739.39 1,922.40 3,696.93 337.16 943.46	929.04
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	5,679.83 442.88 885.76 2,302.98 4,428.80 403.91 1,130.23	1,068.40
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	6,522.33 513.35 1,026.71 2,669.44 5,133.54 468.18 1,310.08	1,207.75
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	3,821.81 291.92 583.84 1,517.97 2,919.18 266.23 744.97	743.23
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	4,924.31 383.28 766.56 1,993.04 3,832.78 349.55 978.12	929.04
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	5,753.20 452.05 904.10 2,350.67 4,520.51 412.27 1,153.63	1,068.40
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	6,587.53 521.50 1,043.01 2,711.82 5,215.04 475.61 1,330.88	1,207.75
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	7,796.02 626.11 1,252.22 3,255.77 6,261.10 571.01 1,597.83	1,393.56
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	4,397.19 317.39 634.78 1,650.42 3,173.88 289.46 809.97	929.04
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	5,463.83 415.88 831.76 2,162.58 4,158.80 379.28 1,061.33	1,068.40

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0083 EA 18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,348.43	1,207.75
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	491.62	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	983.23	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,556.40	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,916.16	
For Aluminum, Mill Finish, Add	448.35	
For Aluminum, Anodized Finish, Add	1,254.60	
08 36 13 00-0084 EA 18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,934.59	1,393.56
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	643.43	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,286.86	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,345.84	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	6,434.31	
For Aluminum, Mill Finish, Add	586.81	
For Aluminum, Anodized Finish, Add	1,642.04	
08 36 13 00-0085 EA 18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,685.24	1,579.37
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	690.81	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,381.62	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,592.21	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	6,908.10	
For Aluminum, Mill Finish, Add	630.02	
For Aluminum, Anodized Finish, Add	1,762.95	
08 36 13 00-0086 EA 20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,438.02	1,068.40
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	412.65	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	825.31	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,145.80	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,126.54	
For Aluminum, Mill Finish, Add	376.34	
For Aluminum, Anodized Finish, Add	1,053.09	
08 36 13 00-0087 EA 20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,408.22	1,207.75
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	499.09	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	998.18	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,595.27	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,990.90	
For Aluminum, Mill Finish, Add	455.17	
For Aluminum, Anodized Finish, Add	1,273.68	
08 36 13 00-0088 EA 20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,213.08	1,393.56
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	678.24	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,356.49	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,526.86	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	6,782.43	
For Aluminum, Mill Finish, Add	618.56	
For Aluminum, Anodized Finish, Add	1,730.87	
08 36 13 00-0089 EA 20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,933.84	1,579.37
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	721.89	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,443.77	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,753.80	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,218.85	
For Aluminum, Mill Finish, Add	658.36	
For Aluminum, Anodized Finish, Add	1,842.25	
08 36 13 00-0090 EA 20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,388.21	1,765.18
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	857.23	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,714.46	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	4,457.58	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	8,572.28	
For Aluminum, Mill Finish, Add	781.79	
For Aluminum, Anodized Finish, Add	2,187.64	
08 36 13 00-0091 EA 22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,961.26	1,207.75
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	443.22	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	886.44	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,304.74	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	4,432.20	
For Aluminum, Mill Finish, Add	404.22	
For Aluminum, Anodized Finish, Add	1,131.10	
08 36 13 00-0092 EA 22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,384.40	1,393.56
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	574.66	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,149.32	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	2,988.22	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	5,746.58	
For Aluminum, Mill Finish, Add	524.09	
For Aluminum, Anodized Finish, Add	1,466.53	
08 36 13 00-0093 EA 22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,784.42	1,579.37
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	703.21	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,406.42	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	3,656.68	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,032.08	
For Aluminum, Mill Finish, Add	641.33	
For Aluminum, Anodized Finish, Add	1,794.59	
08 36 13 00-0094 EA 22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,873.33	1,765.18
For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	792.87	
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	1,585.74	
For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	4,122.91	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	7,928.68	
For Aluminum, Mill Finish, Add	723.10	
For Aluminum, Anodized Finish, Add	2,023.40	



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Panel Doors	08 36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0095 EA 22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	11,273.30 921.42 1,842.84 4,791.37 9,214.18 840.33 2,351.46	1,950.99
08 36 13 00-0096 EA 24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	6,633.13 480.75 961.50 2,499.89 4,807.49 438.44 1,226.87	1,393.56
08 36 13 00-0097 EA 24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	8,207.05 631.04 1,262.07 3,281.39 6,310.36 575.51 1,610.40	1,579.37
08 36 13 00-0098 EA 24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	9,529.64 749.91 1,499.81 3,899.51 7,499.06 683.91 1,913.76	1,765.18
08 36 13 00-0099 EA 24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	10,932.33 878.80 1,757.59 4,569.74 8,787.96 801.46 2,242.69	1,950.99
08 36 13 00-0100 EA 24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... For 22 Gauge Steel Ribbed, Heavy Duty Door, Add For 20 Gauge Steel Ribbed, Heavy Duty Door, Add For 18 Gauge Steel Ribbed, Heavy Duty Door, Add For 16 Gauge Steel Ribbed, Heavy Duty Door, Add For Aluminum, Mill Finish, Add For Aluminum, Anodized Finish, Add	12,311.96 1,004.80 2,009.60 5,224.95 10,047.98 916.38 2,564.24	2,136.79
08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013) Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102 EA 9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift..... For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	892.22 132.59 50.00 226.68	185.81
08 36 13 00-0103 EA 9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift..... For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	968.97 156.38 50.00 267.36	185.81
08 36 13 00-0104 EA 16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift..... For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	1,237.58 219.26 50.00 374.87	212.57
08 36 13 00-0105 EA 16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift..... For Aluminum And Fiberglass, Add For Each Glass Vision Panel In Door, Add For Insulated Door, Add	1,358.19 256.65 50.00 438.79	212.57
08 36 13 00-0106 Remove And Reinstall Sectional Metal Overhead Doors And Supports (08 36 13 00-0013) Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107 SF Removal And Reinstallation Of Sectional Metal Overhead Door And Supports.....	13.36	
08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) (08 36 13)		
08 36 13 00-0109 Fiberglass Sectional Overhead Doors (08 36 13 00-0108)		
08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors (08 36 13 00-0109) Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111 EA 8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,382.66	325.16
08 36 13 00-0112 EA 8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,831.63	371.62
08 36 13 00-0113 EA 8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,345.09	464.52
08 36 13 00-0114 EA 10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,797.44	371.62
08 36 13 00-0115 EA 10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,343.29	418.07
08 36 13 00-0116 EA 10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,155.71	580.66
08 36 13 00-0117 EA 10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,973.30	743.23
08 36 13 00-0118 EA 12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,296.65	464.52
08 36 13 00-0119 EA 12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,135.77	580.66
08 36 13 00-0120 EA 12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,963.21	696.78

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,020.64	929.04
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,992.70	1,114.85
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,981.46	650.33
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,853.64	743.23
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	5,918.07	929.04
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,981.31	1,114.85
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	7,861.85	1,207.75
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,520.29	743.23
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	5,458.61	836.14
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	6,600.28	1,021.95
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	7,727.94	1,207.75
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	8,669.50	1,300.65
08 36 13 00-0133 Insulated, Fiberglass Sectional Doors (08 36 13 00-0109)				
Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.				
08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,954.30	325.16
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,520.80	371.62
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,142.38	464.52
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,475.33	371.62
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,170.67	418.07
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,143.87	580.66
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,124.11	743.23
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,077.96	464.52
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,117.35	580.66
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,141.29	696.78
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,394.28	929.04
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,564.73	1,114.85
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,866.20	650.33
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,964.96	743.23
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,257.87	929.04
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,549.57	1,114.85
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,659.52	1,207.75
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,521.61	743.23
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,708.14	836.14
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,103.67	1,021.95
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,481.42	1,207.75
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	10,672.14	1,300.65
08 36 13 00-0156 Sectional Overhead Door Accessories (08 36 13)				
08 36 13 00-0157 Sectional Overhead Door Accessories (08 36 13 00-0156)				
08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors.....	3.47	
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors.....	5.02	
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors.....	2.80	
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors.....	303.44	
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors.....	511.19	
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors.....	1,751.80	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.				
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors.....	947.04	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.				
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors.....	1,214.78	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.				
For Door Height >12', Add			10.00	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.				
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors.....	24.28	
Note: Additional cost for factory supplied.				
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors.....	15.14	
Note: Additional cost for factory supplied.				
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors.....	25.39	
Note: Additional cost for factory supplied.				
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors.....	17.31	
Note: Additional cost for factory supplied.				
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors.....	40.84	
Note: Additional cost for factory supplied.				
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors.....	27.56	
Note: Additional cost for factory supplied.				
08 36 13 00-0172	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door.....	494.30	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.				
08 36 13 00-0173	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door.....	770.31	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.				
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door.....	1,138.47	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.				
08 36 13 00-0175	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	1.49	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.				
08 36 13 00-0176	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	1.91	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.				



Openings			08	08
Specialty Doors and Frames			08 30	
Panel Doors			08 36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0177	SF		100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors .....2.53 Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08 38 Traffic Doors (08 30)					
08 38 13 Flexible Strip Doors (08 38)					
08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors (08 38 13)					
08 38 13 00-0002	SF		8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door .....19.90 For Cooler/Freezer Doors, USDA Grade, Add 0.78 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 1.64		5.58
08 38 13 00-0003	SF		8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door .....27.75 For Cooler/Freezer Doors, USDA Grade, Add 1.10 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 2.32		7.43
08 38 13 00-0004	SF		12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door .....18.21 For Cooler/Freezer Doors, USDA Grade, Add 0.99 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 2.07		4.65
08 38 13 00-0005	SF		12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door .....23.52 For Cooler/Freezer Doors, USDA Grade, Add 1.24 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 2.60		5.11
08 38 13 00-0006	SF		16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door .....19.95 For Cooler/Freezer Doors, USDA Grade, Add 1.25 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 2.63		4.65
08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips (08 38 13)					
08 38 13 00-0008	EA		8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip .....67.75 For Cooler/Freezer Doors, USDA Grade, Add 2.50 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 5.25		26.20
08 38 13 00-0009	EA		8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip .....71.51 For Cooler/Freezer Doors, USDA Grade, Add 2.88 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 6.04		26.20
08 38 13 00-0010	EA		12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip .....118.21 For Cooler/Freezer Doors, USDA Grade, Add 6.53 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 13.70		32.43
08 38 13 00-0011	EA		12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip .....134.05 For Cooler/Freezer Doors, USDA Grade, Add 8.11 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 17.03		32.43
08 38 13 00-0012	EA		12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip .....150.42 For Cooler/Freezer Doors, USDA Grade, Add 9.75 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 20.47		32.43
08 38 13 00-0013	EA		16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip .....235.02 For Cooler/Freezer Doors, USDA Grade, Add 16.88 Note: Low temperature to -40 degree F. For Ribbed Strip Material, Add 35.45		33.07
08 38 16 Flexible Traffic Doors (08 38)					
Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.					
08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) (08 38 16)					
08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0001)					
08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)					
08 38 16 00-0004	EA		72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....2,564.03		92.91
08 38 16 00-0005	EA		72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....2,768.46		92.91
08 38 16 00-0006	EA		96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....5,729.06		106.84
08 38 16 00-0007	EA		96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....6,427.59		116.13
08 38 16 00-0008	EA		108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....9,965.43		116.13
08 38 16 00-0009	EA		108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....10,423.09		116.13
08 38 16 00-0010	EA		120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....11,605.28		139.35
08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)					
08 38 16 00-0012	EA		72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....2,848.63		92.91
08 38 16 00-0013	EA		72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....3,076.28		92.91

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0014 EA 96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,777.35	106.84
08 38 16 00-0015 EA 96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,471.23	116.13
08 38 16 00-0016 EA 108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	11,162.34	116.13
08 38 16 00-0017 EA 108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	11,627.88	116.13
08 38 16 00-0018 EA 120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	12,945.64	139.35
08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) (08 38 16) Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0019)		
08 38 16 00-0021 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0020)		
08 38 16 00-0022 EA 24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,286.52	51.09
08 38 16 00-0023 EA 40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,386.28	51.09
08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0020)		
08 38 16 00-0025 EA 24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,386.28	51.09
08 38 16 00-0026 EA 40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,414.41	51.09
08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0019)		
08 38 16 00-0028 84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0027)		
08 38 16 00-0029 EA 48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,545.14	88.26
08 38 16 00-0030 EA 80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,744.66	88.26
08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0027)		
08 38 16 00-0032 EA 48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,744.66	88.26
08 38 16 00-0033 EA 80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,800.94	88.26
08 38 19 Rigid Traffic Doors (08 38) Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.		
08 38 19 00-0001 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) (08 38 19) Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002 Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0001)		
08 38 19 00-0003 84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0002)		
08 38 19 00-0004 EA 24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	634.24	51.09
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0005 EA 28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	680.28	51.09
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0006 EA 30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	702.83	53.42
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0007 EA 32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	730.97	53.42
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0008 EA 36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	763.77	55.74
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Traffic Doors	08 38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0009	EA		40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	825.17	55.74
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0010	EA		42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	856.98	62.71
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0002)					
08 38 19 00-0012	EA		24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	713.54	51.09
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0013	EA		28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	749.35	51.09
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0014	EA		30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	774.45	53.42
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0015	EA		32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	794.92	53.42
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0016	EA		36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	868.65	55.74
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0017	EA		40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	884.00	55.74
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0018	EA		42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	913.26	62.71
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0001)					
08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0019)					
08 38 19 00-0021	EA		48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,240.59	88.26
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0022	EA		56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,332.68	88.26
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0023	EA		60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,368.49	88.26
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0024	EA		64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,424.76	88.26
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0025	EA		72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,490.36	92.91
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,613.14	92.91
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,648.95	92.91
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0019)				
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,399.19	88.26
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,470.81	88.26
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,511.73	88.26
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,552.66	88.26
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,700.11	92.91
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,730.81	92.91
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,761.50	92.91
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) (08 38 19)				
Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.				
08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0036)				
08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0037)				
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,104.90	51.09
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,225.13	51.09
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,278.37	53.42
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,329.53	53.42
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,349.54	55.74
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,454.42	55.74
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,562.97	62.71
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,580.88	62.71
		For Each 15" x 20" Window, Add	6.00	
		For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0037)				



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Traffic Doors	08 38	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 38 19 00-0048	EA 24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,207.22		51.09	
08 38 19 00-0049	EA 28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,332.56		51.09	
08 38 19 00-0050	EA 30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,385.80		53.42	
08 38 19 00-0051	EA 32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,449.75		53.42	
08 38 19 00-0052	EA 36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,500.46		55.74	
08 38 19 00-0053	EA 40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,602.78		55.74	
08 38 19 00-0054	EA 42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,657.62		62.71	
08 38 19 00-0055	EA 44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,721.56		62.71	
08 38 19 00-0056	Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0036)				
08 38 19 00-0057	84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0056)				
08 38 19 00-0058	EA 48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,181.91		88.26	
08 38 19 00-0059	EA 56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,422.36		88.26	
08 38 19 00-0060	EA 60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,519.56		88.26	
08 38 19 00-0061	EA 64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,621.88		88.26	
08 38 19 00-0062	EA 72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,661.90		92.91	
08 38 19 00-0063	EA 80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,871.65		92.91	
08 38 19 00-0064	EA 84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,060.93		92.91	
08 38 19 00-0065	EA 88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,096.75		92.91	
08 38 19 00-0066	96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0056)				
08 38 19 00-0067	EA 48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,386.55		88.26	
08 38 19 00-0068	EA 56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,637.23		88.26	
08 38 19 00-0069	EA 60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,734.43		88.26	
08 38 19 00-0070	EA 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,862.33		88.26	
08 38 19 00-0071	EA 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,963.73		92.91	
08 38 19 00-0072	EA 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,168.37		92.91	
08 38 19 00-0073	EA 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,250.22		92.91	
08 38 19 00-0074	EA 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,378.12		92.91	

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 38 19 00-0075	3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliaison PMP-2) (08 38 19) Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.				
08 38 19 00-0076	Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (08 38 19 00-0075)				
08 38 19 00-0077	84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (08 38 19 00-0076)				
08 38 19 00-0078	EA 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,166.29 6.00 19.00		51.09	
08 38 19 00-0079	EA 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,319.77 6.00 19.00		51.09	
08 38 19 00-0080	EA 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,365.34 6.00 19.00		53.42	
08 38 19 00-0081	EA 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,380.68 6.00 19.00		53.42	
08 38 19 00-0082	EA 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,400.70 6.00 19.00		55.74	
08 38 19 00-0083	EA 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,543.95 6.00 19.00		55.74	
08 38 19 00-0084	EA 42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,675.52 6.00 19.00		62.71	
08 38 19 00-0085	EA 44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,693.43 6.00 19.00		62.71	
08 38 19 00-0086	96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (08 38 19 00-0076)				
08 38 19 00-0087	EA 24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,199.55 6.00 19.00		51.09	
08 38 19 00-0088	EA 28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,388.83 6.00 19.00		51.09	
08 38 19 00-0089	EA 30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,436.96 6.00 19.00		53.42	
08 38 19 00-0090	EA 32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,457.42 6.00 19.00		53.42	
08 38 19 00-0091	EA 36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,467.21 6.00 19.00		55.74	
08 38 19 00-0092	EA 40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,572.08 6.00 19.00		55.74	
08 38 19 00-0093	EA 42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,701.10 6.00 19.00		62.71	
08 38 19 00-0094	EA 44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,721.56 6.00 19.00		62.71	
08 38 19 00-0095	Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (08 38 19 00-0075)				
08 38 19 00-0096	84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (08 38 19 00-0095)				
08 38 19 00-0097	EA 48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,304.70 6.00 19.00		88.26	
08 38 19 00-0098	EA 56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,611.65 6.00 19.00		88.26	
08 38 19 00-0099	EA 60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,693.50 6.00 19.00		88.26	
08 38 19 00-0100	EA 64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,724.20 6.00 19.00		88.26	
08 38 19 00-0101	EA 72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,764.21 6.00 19.00		92.91	



		Openings	08
		Specialty Doors and Frames	08 30
		Traffic Doors	08 38

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0102 EA 80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....3,050.70 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0103 EA 84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....3,286.03 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0104 EA 88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....3,321.84 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (08 38 19 00-0095)		
08 38 19 00-0106 EA 48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....2,371.20 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		88.26
08 38 19 00-0107 EA 56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....2,749.78 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		88.26
08 38 19 00-0108 EA 60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....2,836.75 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		88.26
08 38 19 00-0109 EA 64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....2,877.67 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		88.26
08 38 19 00-0110 EA 72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....2,897.23 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0111 EA 80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....3,106.98 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0112 EA 84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....3,337.19 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0113 EA 88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door .....3,378.12 For Each 15" x 20" Window, Add 6.00 For Each 18" x 30" Window, Add 19.00		92.91
08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliaison SCP-2) (08 38 19)		
Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08 38 19 00-0114)		
08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08 38 19 00-0115)		
08 38 19 00-0117 EA 24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,473.25 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		51.09
08 38 19 00-0118 EA 28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,608.82 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		51.09
08 38 19 00-0119 EA 30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,649.27 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		53.42
08 38 19 00-0120 EA 32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,682.52 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		53.42
08 38 19 00-0121 EA 36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,743.47 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		55.74
08 38 19 00-0122 EA 40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,807.41 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		55.74
08 38 19 00-0123 EA 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,872.48 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		62.71
08 38 19 00-0124 EA 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....1,915.97 For Each 14" x 16" Window, Add 22.00 For Each 15" x 20" Window, Add 28.00 For Each 18" x 30" Window, Add 41.00		62.71

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT	COST	UNIT	COST
08 38 19 00-0125	96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08 38 19 00-0115)				
08 38 19 00-0126	EA 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,588.35	51.09	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0127	EA 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,731.60	51.09	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0128	EA 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,774.61	53.42	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0129	EA 32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,792.51	53.42	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0130	EA 36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,848.34	55.74	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0131	EA 40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,932.75	55.74	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0132	EA 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		1,987.59	62.71	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0133	EA 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		2,031.08	62.71	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0134	Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08 38 19 00-0114)				
08 38 19 00-0135	84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08 38 19 00-0134)				
08 38 19 00-0136	EA 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		2,918.60	88.26	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0137	EA 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,189.74	88.26	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0138	EA 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,261.37	88.26	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0139	EA 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,327.87	88.26	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0140	EA 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,449.74	92.91	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0141	EA 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,577.64	92.91	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0142	EA 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,679.96	92.91	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0143	EA 88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,766.93	92.91	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		
08 38 19 00-0144	96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08 38 19 00-0134)				
08 38 19 00-0145	EA 48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door		3,148.82	88.26	
	For Each 14" x 16" Window, Add		22.00		
	For Each 15" x 20" Window, Add		28.00		
	For Each 18" x 30" Window, Add		41.00		



			Openings	08
			Specialty Doors and Frames	08 30
			Traffic Doors	08 38

08

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 38 19 00-0146	EA 56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,435.31 22.00 28.00 41.00		88.26
08 38 19 00-0147	EA 60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,512.04 22.00 28.00 41.00		88.26
08 38 19 00-0148	EA 64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,547.85 22.00 28.00 41.00		88.26
08 38 19 00-0149	EA 72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,659.49 22.00 28.00 41.00		92.91
08 38 19 00-0150	EA 80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,828.32 22.00 28.00 41.00		92.91
08 38 19 00-0151	EA 84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,910.17 22.00 28.00 41.00		92.91
08 38 19 00-0152	EA 88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door..... For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,997.14 22.00 28.00 41.00		92.91
08 38 19 00-0153	1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) (08 38 19) Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.			
08 38 19 00-0154	Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0153)			
08 38 19 00-0155	84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0154)			
08 38 19 00-0156	EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,447.67 6.00 19.00		51.09
08 38 19 00-0157	EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,521.85 6.00 19.00		51.09
08 38 19 00-0158	EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,592.99 6.00 19.00		53.42
08 38 19 00-0159	EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,636.48 6.00 19.00		53.42
08 38 19 00-0160	EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,748.58 6.00 19.00		55.74
08 38 19 00-0161	EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,835.55 6.00 19.00		55.74
08 38 19 00-0162	EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,918.53 6.00 19.00		62.71
08 38 19 00-0163	EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,000.38 6.00 19.00		62.71
08 38 19 00-0164	90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0154)			
08 38 19 00-0165	EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,498.83 6.00 19.00		51.09
08 38 19 00-0166	EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,588.35 6.00 19.00		51.09
08 38 19 00-0167	EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,636.48 6.00 19.00		53.42
08 38 19 00-0168	EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,697.87 6.00 19.00		53.42
08 38 19 00-0169	EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,817.65 6.00 19.00		55.74
08 38 19 00-0170	EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,922.52 6.00 19.00		55.74

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0171	EA		42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,000.38 6.00 19.00	62.71
08 38 19 00-0172	EA		44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,077.12 6.00 19.00	62.71
08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0154)					
08 38 19 00-0174	EA		24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,629.28 6.00 19.00	51.09
08 38 19 00-0175	EA		28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,647.19 6.00 19.00	51.09
08 38 19 00-0176	EA		30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,726.01 6.00 19.00	53.42
08 38 19 00-0177	EA		32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,782.28 6.00 19.00	53.42
08 38 19 00-0178	EA		36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,904.62 6.00 19.00	55.74
08 38 19 00-0179	EA		40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,029.96 6.00 19.00	55.74
08 38 19 00-0180	EA		42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,102.70 6.00 19.00	62.71
08 38 19 00-0181	EA		44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,179.44 6.00 19.00	62.71
08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0153)					
08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0182)					
08 38 19 00-0184	EA		48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,867.44 6.00 19.00	88.26
08 38 19 00-0185	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,015.80 6.00 19.00	88.26
08 38 19 00-0186	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,148.82 6.00 19.00	88.26
08 38 19 00-0187	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,235.79 6.00 19.00	88.26
08 38 19 00-0188	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,459.97 6.00 19.00	92.91
08 38 19 00-0189	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,633.91 6.00 19.00	92.91
08 38 19 00-0190	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,772.04 6.00 19.00	92.91
08 38 19 00-0191	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,935.75 6.00 19.00	92.91
08 38 19 00-0192 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0182)					
08 38 19 00-0193	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,969.76 6.00 19.00	88.26
08 38 19 00-0194	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,148.82 6.00 19.00	88.26
08 38 19 00-0195	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,235.79 6.00 19.00	88.26
08 38 19 00-0196	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,358.57 6.00 19.00	88.26
08 38 19 00-0197	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,598.10 6.00 19.00	92.91



		Openings	08
		Specialty Doors and Frames	08 30
		Traffic Doors	08 38

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,807.85 6.00 19.00	92.91
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,935.75 6.00 19.00	92.91
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,089.23 6.00 19.00	92.91
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (08 38 19 00-0182)		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,230.67 6.00 19.00	88.26
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,266.48 6.00 19.00	88.26
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,414.84 6.00 19.00	88.26
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,527.39 6.00 19.00	88.26
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,772.04 6.00 19.00	92.91
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,022.72 6.00 19.00	92.91
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,140.39 6.00 19.00	92.91
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,293.86 6.00 19.00	92.91
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) (08 38 19) Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0210)		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0211)		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,447.67 6.00 19.00	51.09
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,521.85 6.00 19.00	51.09
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,592.99 6.00 19.00	53.42
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,636.48 6.00 19.00	53.42
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,748.58 6.00 19.00	55.74
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,835.55 6.00 19.00	55.74
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,918.53 6.00 19.00	62.71
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,000.38 6.00 19.00	62.71
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0211)		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,498.83 6.00 19.00	51.09
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,588.35 6.00 19.00	51.09

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,636.48 6.00 19.00	53.42
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,697.87 6.00 19.00	53.42
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,817.65 6.00 19.00	55.74
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,922.52 6.00 19.00	55.74
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,000.38 6.00 19.00	62.71
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,077.12 6.00 19.00	62.71
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0211)		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,629.28 6.00 19.00	51.09
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,647.19 6.00 19.00	51.09
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,726.01 6.00 19.00	53.42
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,782.28 6.00 19.00	53.42
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,904.62 6.00 19.00	55.74
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,029.96 6.00 19.00	55.74
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,102.70 6.00 19.00	62.71
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,179.44 6.00 19.00	62.71
08 38 19 00-0239		Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0210)		
08 38 19 00-0240		84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0239)		
08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,867.44 6.00 19.00	88.26
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,015.80 6.00 19.00	88.26
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,148.82 6.00 19.00	88.26
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,235.79 6.00 19.00	88.26
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,459.97 6.00 19.00	92.91
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,633.91 6.00 19.00	92.91
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,772.04 6.00 19.00	92.91
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,935.75 6.00 19.00	92.91
08 38 19 00-0249		90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08 38 19 00-0239)		
08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,969.76 6.00 19.00	88.26

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0288 SET 30" Wide x 24" High, Impact Traffic Door Scuff Plates.....	252.03	37.16
08 38 19 00-0289 SET 36" Wide x 24" High, Impact Traffic Door Scuff Plates.....	277.61	37.16
08 38 19 00-0290 SET 42" Wide x 24" High, Impact Traffic Door Scuff Plates.....	313.42	37.16
08 38 19 00-0291 SET 48" Wide x 24" High, Impact Traffic Door Scuff Plates.....	336.44	37.16
08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0293 SET 24" Wide x 30" High, Impact Traffic Door Scuff Plates.....	252.03	37.16
08 38 19 00-0294 SET 30" Wide x 30" High, Impact Traffic Door Scuff Plates.....	292.95	37.16
08 38 19 00-0295 SET 36" Wide x 30" High, Impact Traffic Door Scuff Plates.....	323.65	37.16
08 38 19 00-0296 SET 42" Wide x 30" High, Impact Traffic Door Scuff Plates.....	379.92	37.16
08 38 19 00-0297 SET 48" Wide x 30" High, Impact Traffic Door Scuff Plates.....	418.29	37.16
08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0299 SET 24" Wide x 36" High, Impact Traffic Door Scuff Plates.....	277.61	37.16
08 38 19 00-0300 SET 30" Wide x 36" High, Impact Traffic Door Scuff Plates.....	323.65	37.16
08 38 19 00-0301 SET 36" Wide x 36" High, Impact Traffic Door Scuff Plates.....	374.81	37.16
08 38 19 00-0302 SET 42" Wide x 36" High, Impact Traffic Door Scuff Plates.....	402.95	37.16
08 38 19 00-0303 SET 48" Wide x 36" High, Impact Traffic Door Scuff Plates.....	446.43	37.16
08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0305 SET 24" Wide x 48" High, Impact Traffic Door Scuff Plates.....	336.44	37.16
08 38 19 00-0306 SET 30" Wide x 48" High, Impact Traffic Door Scuff Plates.....	418.29	37.16
08 38 19 00-0307 SET 36" Wide x 48" High, Impact Traffic Door Scuff Plates.....	446.43	37.16
08 38 19 00-0308 SET 42" Wide x 48" High, Impact Traffic Door Scuff Plates.....	500.15	37.16
08 38 19 00-0309 SET 48" Wide x 48" High, Impact Traffic Door Scuff Plates.....	558.98	37.16
08 38 19 00-0310 Base Plates For Impact Traffic Doors (08 38 19 00-0267)		
Note: Includes two base plates per set.		
08 38 19 00-0311 Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0312 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0313 SET 24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	149.71	37.16
08 38 19 00-0314 SET 30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	159.94	37.16
08 38 19 00-0315 SET 36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	165.06	37.16
08 38 19 00-0316 SET 42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	188.08	37.16
08 38 19 00-0317 SET 48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	198.31	37.16
08 38 19 00-0318 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0319 SET 24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	188.08	37.16
08 38 19 00-0320 SET 30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	203.43	37.16
08 38 19 00-0321 SET 36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	218.77	37.16
08 38 19 00-0322 SET 42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	231.56	37.16
08 38 19 00-0323 SET 48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	252.03	37.16
08 38 19 00-0324 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0325 SET 24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	213.66	37.16
08 38 19 00-0326 SET 30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	226.45	37.16
08 38 19 00-0327 SET 36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	257.14	37.16
08 38 19 00-0328 SET 42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	290.40	37.16
08 38 19 00-0329 SET 48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	305.74	37.16
08 38 19 00-0330 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0331 SET 24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	226.45	37.16
08 38 19 00-0332 SET 30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	252.03	37.16
08 38 19 00-0333 SET 36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	290.40	37.16
08 38 19 00-0334 SET 42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	321.09	37.16
08 38 19 00-0335 SET 48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	339.00	37.16
08 38 19 00-0336 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0337 SET 24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	285.28	37.16
08 38 19 00-0338 SET 30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	321.09	37.16
08 38 19 00-0339 SET 36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	369.69	37.16
08 38 19 00-0340 SET 42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	392.71	37.16
08 38 19 00-0341 SET 48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	423.41	37.16
08 38 19 00-0342 Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0343 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Traffic Doors	08 38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0344 SET 24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	195.75	37.16
08 38 19 00-0345 SET 30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	205.98	37.16
08 38 19 00-0346 SET 36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	236.68	37.16
08 38 19 00-0347 SET 42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	252.03	37.16
08 38 19 00-0348 SET 48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	295.51	37.16
08 38 19 00-0349 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0350 SET 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	267.37	37.16
08 38 19 00-0351 SET 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	313.42	37.16
08 38 19 00-0352 SET 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	359.46	37.16
08 38 19 00-0353 SET 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	415.74	37.16
08 38 19 00-0354 SET 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	466.89	37.16
08 38 19 00-0355 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0356 SET 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	303.19	37.16
08 38 19 00-0357 SET 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	364.58	37.16
08 38 19 00-0358 SET 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	420.85	37.16
08 38 19 00-0359 SET 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	479.68	37.16
08 38 19 00-0360 SET 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	548.75	37.16
08 38 19 00-0361 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0362 SET 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	349.23	37.16
08 38 19 00-0363 SET 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	415.74	37.16
08 38 19 00-0364 SET 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	492.47	37.16
08 38 19 00-0365 SET 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	566.65	37.16
08 38 19 00-0366 SET 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	630.60	37.16
08 38 19 00-0367 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0368 SET 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	431.08	37.16
08 38 19 00-0369 SET 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	589.68	37.16
08 38 19 00-0370 SET 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	630.60	37.16
08 38 19 00-0371 SET 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	753.38	37.16
08 38 19 00-0372 SET 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	825.01	37.16
08 38 19 00-0373 One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0374 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0375 SET 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	175.29	37.16
08 38 19 00-0376 SET 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	188.08	37.16
08 38 19 00-0377 SET 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	203.43	37.16
08 38 19 00-0378 SET 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	221.33	37.16
08 38 19 00-0379 SET 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	249.47	37.16
08 38 19 00-0380 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0381 SET 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	231.56	37.16
08 38 19 00-0382 SET 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	262.26	37.16
08 38 19 00-0383 SET 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	292.95	37.16
08 38 19 00-0384 SET 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	326.21	37.16
08 38 19 00-0385 SET 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	364.58	37.16
08 38 19 00-0386 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0387 SET 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	262.26	37.16
08 38 19 00-0388 SET 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	300.63	37.16
08 38 19 00-0389 SET 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	344.11	37.16
08 38 19 00-0390 SET 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	397.83	37.16
08 38 19 00-0391 SET 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	433.64	37.16
08 38 19 00-0392 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0393 SET 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	292.95	37.16
08 38 19 00-0394 SET 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	344.11	37.16
08 38 19 00-0395 SET 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	397.83	37.16
08 38 19 00-0396 SET 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	451.55	37.16
08 38 19 00-0397 SET 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	489.92	37.16

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors			
		(08 38 19 00-0373)			
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	364.58	37.16	
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	443.87	37.16	
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	489.92	37.16	
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	582.00	37.16	
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	607.58	37.16	
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors			
		(08 38 19 00-0267)			
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors.....	238.30	46.45	
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors.....	315.03	46.45	
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors.....	596.41	46.45	
08 38 19 00-0408		Other Impact Traffic Door Accessories			
		(08 38 19 00-0267)			
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors.....	64.15	23.22	
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors.....	82.05	23.22	
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors.....	192.04	23.22	
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors.....	238.09	23.22	
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors.....	99.96	23.22	
08 38 19 00-0414		Impact Traffic Door Knock Down Frames			
		(08 38 19)			
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.			
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0414)			
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0415)			
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	596.22	69.68	
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	697.18	76.64	
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	715.17	81.29	
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	736.71	88.26	
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	755.80	92.91	
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	788.53	97.55	
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	813.54	102.20	
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	831.42	106.84	
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0415)			
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	607.63	69.68	
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	710.77	76.64	
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	728.99	81.29	
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	750.71	88.26	
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	770.04	92.91	
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	803.37	97.55	
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	828.76	102.20	
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	846.87	106.84	
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0415)			
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	622.80	69.68	
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	728.83	76.64	
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	747.34	81.29	
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	764.82	88.26	
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	788.97	92.91	
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	818.20	97.55	
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	848.99	102.20	
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	868.51	104.51	
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0414)			
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0443)			
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	844.60	106.84	
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	859.41	108.70	
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	875.63	111.48	
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	899.63	116.13	
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	915.95	120.78	
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	944.40	121.71	
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	964.12	123.10	
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	988.38	125.42	
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames			
		(08 38 19 00-0443)			
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	860.35	106.84	
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	875.40	108.70	
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	891.95	111.48	



		Openings	08
		Specialty Doors and Frames	08 30
		Traffic Doors	08 38

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame		916.30	116.13
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame		932.83	120.78
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame		961.93	121.71
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame		982.07	123.10
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame		1,006.82	125.42
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)			
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		878.74	106.84
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		891.36	108.70
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		913.61	111.48
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		932.98	116.13
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		955.22	120.78
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		987.76	121.71
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		1,005.91	123.10
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame		1,029.00	125.42

08 40 Entrances, Storefronts, and Curtain Walls (08)

08 42 Entrances (08 40)

08 42 13 Aluminum-Framed Entrances (08 42)

08 42 13 00-0001 Aluminum Framed Entrance Doors (08 42 13)

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2235 for closer.

08 42 13 00-0002	EA 3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors	4,762.59	634.78
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		438.25	
For 10' High Door, Add		952.73	
For 1" Insulated Glazing, Add		66.07	
08 42 13 00-0003	EA 3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors	4,787.28	634.78
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		441.09	
For 10' High Door, Add		958.90	
For 1" Insulated Glazing, Add		66.07	
08 42 13 00-0004	PR 6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors	8,027.76	951.97
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		759.35	
For 10' High Door, Add		1,650.77	
For 1" Insulated Glazing, Add		132.14	
08 42 13 00-0005	PR 7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors	9,242.72	951.97
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		899.07	
For 10' High Door, Add		1,954.51	
For 1" Insulated Glazing, Add		132.14	
08 42 13 00-0006	EA 3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors	5,281.16	634.78
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		497.89	
For 10' High Door, Add		1,082.37	
For 1" Insulated Glazing, Add		66.07	
08 42 13 00-0007	EA 3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors	5,337.96	634.78
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		504.42	
For 10' High Door, Add		1,096.57	
For 1" Insulated Glazing, Add		66.07	
08 42 13 00-0008	PR 6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors	9,008.12	951.97
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		872.10	
For 10' High Door, Add		1,895.86	
For 1" Insulated Glazing, Add		132.14	
08 42 13 00-0009	PR 7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors	10,194.46	951.97
Note: Including Glazing, Trim And Hardware			
For 8' High Door, Add		1,008.52	
For 10' High Door, Add		2,192.45	
For 1" Insulated Glazing, Add		132.14	

08 42 26 All-Glass Entrances (08 42)

08 42 26 00-0001 Full Glass Entrance Doors (08 42 26)

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA 3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door	4,198.89	237.92
Note: Including Trim And Hardware			
For Anodized Color, Add		584.50	
For Stainless Steel, Add		2,110.68	
For 8' High Door, Add		373.43	
For 10' High Door, Add		811.80	
For 1" Insulated Glazing, Add		66.07	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")..... Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	7,490.66 1,103.60 3,985.22 705.08 1,532.78 132.14	285.51
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	4,783.88 689.79 2,490.92 440.70 958.05 66.07	237.92
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")..... Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	8,750.21 1,330.32 4,803.93 849.93 1,847.67 132.14	285.51
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	5,366.59 794.68 2,869.69 507.71 1,103.73 66.07	237.92
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")..... Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	10,007.69 1,556.67 5,621.29 994.54 2,162.04 132.14	285.51
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	6,534.27 1,004.86 3,628.68 642.00 1,395.65 66.07	237.92
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")..... Note: Including Trim And Hardware For Anodized Color, Add For Stainless Steel, Add For 8' High Door, Add For 10' High Door, Add For 1" Insulated Glazing, Add	12,524.71 2,009.73 7,257.35 1,283.99 2,791.29 132.14	285.51
08 42 26 00-0010		Frames For Full Glass Doors (08 42 26)		
08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head.....	22.74	2.85
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	29.48	3.80
08 42 29		Automatic Entrances (08 42)		
08 42 29 23		Sliding Automatic Entrances (08 42 29)		
		Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 42 29 23-0001		Bronze Finished Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0002		2 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001) Note: Single sliding.		
08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	1,931.70 130.60 348.27	95.17
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	2,154.16 142.29 379.44	128.48
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	2,344.33 154.41 411.76	142.76
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	2,529.29 166.14 443.05	157.03
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	3,318.06 220.30 587.48	190.34
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	3,454.02 225.50 601.34	223.65
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	4,603.62 306.73 817.94	256.96



		Openings	08
		Entrances, Storefronts, and Curtain Walls	08 40
		Entrances	08 42

08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0010 4 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001)		
Note: Bi-parting.		
08 42 29 23-0011 EA 12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,883.75	237.92
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	255.59	
For Emergency Egress On All Panels, Add	681.58	
08 42 29 23-0012 EA 14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,258.61	261.71
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	280.14	
For Emergency Egress On All Panels, Add	747.04	
08 42 29 23-0013 EA 16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,633.47	285.51
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	304.68	
For Emergency Egress On All Panels, Add	812.49	
08 42 29 23-0014 EA 18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	5,590.56	309.30
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	372.90	
For Emergency Egress On All Panels, Add	994.39	
08 42 29 23-0015 EA 20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	6,547.67	332.99
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	441.11	
For Emergency Egress On All Panels, Add	1,176.30	
08 42 29 23-0016 Aluminum Finished Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0017 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016)		
Note: Single sliding.		
08 42 29 23-0018 EA 5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,767.64	95.17
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	118.30	
For Emergency Egress On All Panels, Add	315.46	
08 42 29 23-0019 EA 6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,975.44	128.48
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	128.89	
For Emergency Egress On All Panels, Add	343.70	
08 42 29 23-0020 EA 7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,147.36	142.76
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	139.64	
For Emergency Egress On All Panels, Add	372.37	
08 42 29 23-0021 EA 8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,320.59	157.03
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	150.49	
For Emergency Egress On All Panels, Add	401.31	
08 42 29 23-0022 EA 10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,041.35	190.34
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	199.55	
For Emergency Egress On All Panels, Add	532.13	
08 42 29 23-0023 EA 12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,170.76	223.65
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	204.26	
For Emergency Egress On All Panels, Add	544.69	
08 42 29 23-0024 EA 15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,218.38	256.96
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	277.84	
For Emergency Egress On All Panels, Add	740.89	
08 42 29 23-0025 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016)		
Note: Bi-parting.		
08 42 29 23-0026 EA 12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,562.72	237.92
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	231.52	
For Emergency Egress On All Panels, Add	617.37	
08 42 29 23-0027 EA 14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,906.73	261.71
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	253.75	
For Emergency Egress On All Panels, Add	676.66	
08 42 29 23-0028 EA 16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,250.74	285.51
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	275.98	
For Emergency Egress On All Panels, Add	735.95	
08 42 29 23-0029 EA 18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,122.17	309.30
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	337.77	
For Emergency Egress On All Panels, Add	900.72	
08 42 29 23-0030 EA 20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,993.62	332.99
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	399.56	
For Emergency Egress On All Panels, Add	1,065.49	
08 42 29 23-0031 Stainless Steel Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0032 2 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031)		
Note: Single sliding.		
08 42 29 23-0033 EA 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,208.97	95.17
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	151.40	
For Emergency Egress On All Panels, Add	403.73	
08 42 29 23-0034 EA 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,456.27	128.48
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	164.95	
For Emergency Egress On All Panels, Add	439.86	
08 42 29 23-0035 EA 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,853.48	142.76
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	192.60	
For Emergency Egress On All Panels, Add	513.59	
08 42 29 23-0036 EA 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,273.06	157.03
For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	221.93	
For Emergency Egress On All Panels, Add	591.80	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0037	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	3,785.81 255.38 681.03	190.34
08 42 29 23-0038	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	3,932.78 261.41 697.10	223.65
08 42 29 23-0039	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	5,254.89 355.57 948.20	256.96
08 42 29 23-0040		4 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Bi-parting.		
08 42 29 23-0041	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	4,426.42 296.29 790.11	237.92
08 42 29 23-0042	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	4,853.38 324.75 865.99	261.71
08 42 29 23-0043	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	5,280.33 353.20 941.86	285.51
08 42 29 23-0044	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	6,382.27 432.28 1,152.74	309.30
08 42 29 23-0045	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add For Emergency Egress On All Panels, Add	7,484.24 511.35 1,363.61	333.09
08 42 29 23-0046		Accessories For Sliding Automatic Entrances (08 42 29 23) See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (2 panels).	4,888.65	929.04
08 42 29 23-0048	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (4 panel).	8,163.93	1,393.56
08 42 29 33		Swinging Automatic Entrances (08 42 29) Note: Excludes glazing.		
08 42 29 33-0001		Swing Door Operators, Up To 350 LB Panel Weight (08 42 29 33) Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel..... Note: For new storefront or existing concealed operator installations.	3,262.88	533.30
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel..... Note: For new storefront or existing concealed operator installations.	5,459.80	711.11
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel.....	2,700.93	426.64
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel.....	4,761.32	639.97
08 42 29 33-0006		Activation Devices For Door Operators (08 42 29 33)		
08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)..... Note: Includes wiring harness and relays.	426.55	42.67
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)..... Note: Includes wiring harness and relays.	378.18	42.67
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38)..... Note: Includes wiring harness and relays.	382.03	42.67
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H)..... Note: Excludes wiring from operator to push plate.	152.42	42.67
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H)..... Note: Excludes wiring from operator to push button.	162.16	42.67
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425)..... Note: Excludes wiring from operator to push button.	127.81	42.67
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath)..... Note: Includes receiver and two push plate transmitters.	644.88	106.66
08 42 29 33-0014	EA	For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct -64.00 Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision)..... Note: Includes wiring harness and relays.	923.78	53.33
08 42 29 33-0015	EA	Guard Rail For Door With Operator.....	201.72	53.33
08 42 33		Revolving Door Entrances (08 42)		
08 42 33 00-0001		Aluminum Revolving Doors (08 42 33) Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware For Automatic Controls, Add For Powder Coated, Add	33,965.97 7,741.41 1,353.51	5,257.06
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware For Automatic Controls, Add For Powder Coated, Add	45,880.88 9,187.12 1,700.84	7,885.71



		Openings	08
		Entrances, Storefronts, and Curtain Walls	08 40
		Entrances	08 42

08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0004 EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware For Automatic Controls, Add For Powder Coated, Add	69,930.77 10,054.54 3,007.80	9,462.80
08 42 33 00-0005 EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware For Automatic Controls, Add For Powder Coated, Add	37,803.56 8,036.45 1,515.78	5,782.71
08 42 33 00-0006 EA 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware For Automatic Controls, Add For Powder Coated, Add	50,810.19 9,581.40 1,904.75	8,674.54
08 42 33 00-0007 EA 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware For Automatic Controls, Add For Powder Coated, Add	78,107.08 10,632.82 3,368.40	10,409.07
08 42 33 00-0008 Stainless Steel Revolving Doors (08 42 33) Note: Includes 3/4" tempered glass.		
08 42 33 00-0009 EA 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware For Automatic Controls, Add	34,863.20 7,741.41	5,257.06
08 42 33 00-0010 EA 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware For Automatic Controls, Add	47,008.35 9,187.12	7,885.71
08 42 33 00-0011 EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware For Automatic Controls, Add	71,924.61 10,054.54	9,462.80
08 42 33 00-0012 EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware For Automatic Controls, Add	38,810.75 8,036.45	5,782.71
08 42 33 00-0013 EA 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware For Automatic Controls, Add	52,075.84 9,581.40	8,674.54
08 42 33 00-0014 EA 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware For Automatic Controls, Add	80,345.28 10,632.82	10,409.07
08 42 33 00-0015 Bronze Revolving Doors (08 42 33) Note: Includes 3/4" tempered glass.		
08 42 33 00-0016 EA 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add	31,699.01 7,741.41	5,257.06
08 42 33 00-0017 EA 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add	43,032.19 9,187.12	7,885.71
08 42 33 00-0018 EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add	64,893.08 10,054.54	9,462.80
08 42 33 00-0019 EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add	35,266.86 8,036.45	5,782.71
08 42 33 00-0020 EA 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add	47,622.54 9,581.40	8,674.54
08 42 33 00-0021 EA 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware For Automatic Controls, Add	72,469.97 10,632.82	10,409.07
08 42 36 Balanced Door Entrances (08 42)		
08 42 36 00-0001 Balanced Doors, With Glass (08 42 36) Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002 EA 2'-6" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	14,899.23 -3,549.26 1,419.70 709.85 -4,259.11	280.78
08 42 36 00-0003 EA 3'-0" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	15,475.78 -3,693.40 1,477.36 738.68 -4,432.08	280.78
08 42 36 00-0004 EA 3'-6" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	16,876.05 -4,043.47 1,617.39 808.69 -4,852.16	280.78
08 42 36 00-0005 EA 4'-0" x 7'-0" Balanced Door, Stainless Steel..... For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	18,523.47 -4,455.32 1,782.13 891.06 -5,346.38	280.78
08 42 36 00-0006 PR Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel For Bronze Instead Of Stainless Steel, Deduct For 70% Fluoropolymer Exterior Finish (Duranar), Add For Tinted Glass, Add For Aluminum, Painted Finish, Deduct	30,881.37 -7,386.80 2,954.72 1,477.36 -8,864.16	533.66

08 43 Storefronts (08 40)**08 43 13 Aluminum-Framed Storefronts (08 43)**

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 43 13 00-0001	Aluminum Storefront Framing Assembly (08 43 13)		
	Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0012 for tempered glazing, 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.		
08 43 13 00-0002	1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0003	SF 5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.63	6.99
	For Various Color Class I Anodized Finish, Add	0.60	
	For Black Color Class I Anodized Finish, Add	1.81	
08 43 13 00-0004	SF 6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.55	6.29
	For Various Color Class I Anodized Finish, Add	0.54	
	For Black Color Class I Anodized Finish, Add	1.62	
08 43 13 00-0005	SF 7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.05	5.80
	For Various Color Class I Anodized Finish, Add	0.50	
	For Black Color Class I Anodized Finish, Add	1.49	
08 43 13 00-0006	SF 8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.94	5.43
	For Various Color Class I Anodized Finish, Add	0.46	
	For Black Color Class I Anodized Finish, Add	1.39	
08 43 13 00-0007	SF 9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.08	5.14
	For Various Color Class I Anodized Finish, Add	0.44	
	For Black Color Class I Anodized Finish, Add	1.31	
08 43 13 00-0008	SF 10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	14.38	4.91
	For Various Color Class I Anodized Finish, Add	0.42	
	For Black Color Class I Anodized Finish, Add	1.25	
08 43 13 00-0009	SF 11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	13.81	4.72
	For Various Color Class I Anodized Finish, Add	0.40	
	For Black Color Class I Anodized Finish, Add	1.20	
08 43 13 00-0010	SF 12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	13.33	4.56
	For Various Color Class I Anodized Finish, Add	0.39	
	For Black Color Class I Anodized Finish, Add	1.16	
08 43 13 00-0011	1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0012	SF 5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.91	9.14
	For Various Color Class I Anodized Finish, Add	0.79	
	For Black Color Class I Anodized Finish, Add	2.36	
08 43 13 00-0013	SF 6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.75	8.09
	For Various Color Class I Anodized Finish, Add	0.69	
	For Black Color Class I Anodized Finish, Add	2.08	
08 43 13 00-0014	SF 7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.59	7.33
	For Various Color Class I Anodized Finish, Add	0.63	
	For Black Color Class I Anodized Finish, Add	1.88	
08 43 13 00-0015	SF 8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	19.92	6.76
	For Various Color Class I Anodized Finish, Add	0.58	
	For Black Color Class I Anodized Finish, Add	1.74	
08 43 13 00-0016	SF 9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.60	6.28
	For Various Color Class I Anodized Finish, Add	0.54	
	For Black Color Class I Anodized Finish, Add	1.62	
08 43 13 00-0017	SF 10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.52	5.99
	For Various Color Class I Anodized Finish, Add	0.51	
	For Black Color Class I Anodized Finish, Add	1.53	
08 43 13 00-0018	SF 11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	16.72	5.71
	For Various Color Class I Anodized Finish, Add	0.48	
	For Black Color Class I Anodized Finish, Add	1.45	
08 43 13 00-0019	SF 12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	15.98	5.43
	For Various Color Class I Anodized Finish, Add	0.46	
	For Black Color Class I Anodized Finish, Add	1.39	
08 43 13 00-0020	1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
	Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0021	SF 5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.22	11.23
	For Various Color Class I Anodized Finish, Add	0.97	
	For Black Color Class I Anodized Finish, Add	2.91	



		Openings	08
		Entrances, Storefronts, and Curtain Walls	08 40
		Storefronts	08 43

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0022	SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	29.08 0.85 2.54	9.80
08 43 13 00-0023	SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	26.08 0.76 2.28	8.85
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	23.83 0.69 2.08	8.09
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	22.03 0.64 1.93	7.51
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	20.67 0.60 1.80	7.04
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	19.54 0.57 1.70	6.67
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	18.60 0.54 1.62	6.37
08 43 13 00-0029		2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	21.30 0.62 1.85	7.33
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	19.16 0.55 1.65	6.57
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	17.54 0.50 1.51	6.09
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	16.37 0.47 1.41	5.71
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	15.45 0.44 1.32	5.32
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	14.81 0.42 1.26	5.14
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	14.12 0.40 1.21	4.95
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	13.68 0.39 1.16	4.76
08 43 13 00-0038		2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	28.37 0.80 2.40	9.89
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	24.96 0.70 2.11	8.75
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	22.58 0.64 1.91	7.90
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	20.77 0.58 1.75	7.33
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	19.45 0.54 1.63	6.85

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	18.24 0.51 1.54	6.47
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	17.33 0.49 1.46	6.09
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	16.58 0.46 1.39	5.81
08 43 13 00-0047		2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	34.21 0.98 2.95	11.80
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	29.90 0.86 2.57	10.28
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	26.78 0.77 2.30	9.23
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	24.50 0.70 2.10	8.47
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	22.67 0.65 1.94	7.81
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	21.20 0.60 1.81	7.33
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	20.05 0.57 1.71	6.95
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	19.00 0.54 1.62	6.67
08 43 13 00-0056		2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	25.80 0.87 2.60	7.51
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	23.21 0.78 2.34	6.76
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	21.40 0.72 2.16	6.18
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	20.05 0.67 2.02	5.81
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	18.96 0.64 1.91	5.52
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	18.11 0.61 1.82	5.23
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	17.42 0.58 1.75	5.04
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly For Various Color Class I Anodized Finish, Add For Black Color Class I Anodized Finish, Add	16.80 0.56 1.69	4.85



Openings		08
Entrances, Storefronts, and Curtain Walls		08 40
Storefronts		08 43

08

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 43 13 00-0065	2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.				
08 43 13 00-0066	SF 5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.17		10.09	
	For Various Color Class I Anodized Finish, Add	1.13			
	For Black Color Class I Anodized Finish, Add	3.39			
08 43 13 00-0067	SF 6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.17		8.95	
	For Various Color Class I Anodized Finish, Add	1.00			
	For Black Color Class I Anodized Finish, Add	3.00			
08 43 13 00-0068	SF 7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.37		8.09	
	For Various Color Class I Anodized Finish, Add	0.91			
	For Black Color Class I Anodized Finish, Add	2.72			
08 43 13 00-0069	SF 8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.26		7.42	
	For Various Color Class I Anodized Finish, Add	0.84			
	For Black Color Class I Anodized Finish, Add	2.51			
08 43 13 00-0070	SF 9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.58		6.95	
	For Various Color Class I Anodized Finish, Add	0.78			
	For Black Color Class I Anodized Finish, Add	2.34			
08 43 13 00-0071	SF 10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.28		6.57	
	For Various Color Class I Anodized Finish, Add	0.74			
	For Black Color Class I Anodized Finish, Add	2.21			
08 43 13 00-0072	SF 11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.22		6.28	
	For Various Color Class I Anodized Finish, Add	0.70			
	For Black Color Class I Anodized Finish, Add	2.11			
08 43 13 00-0073	SF 12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.24		5.99	
	For Various Color Class I Anodized Finish, Add	0.67			
	For Black Color Class I Anodized Finish, Add	2.02			
08 43 13 00-0074	2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001) Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.				
08 43 13 00-0075	SF 5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	41.02		11.80	
	For Various Color Class I Anodized Finish, Add	1.39			
	For Black Color Class I Anodized Finish, Add	4.18			
08 43 13 00-0076	SF 6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.10		10.47	
	For Various Color Class I Anodized Finish, Add	1.22			
	For Black Color Class I Anodized Finish, Add	3.66			
08 43 13 00-0077	SF 7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.41		9.42	
	For Various Color Class I Anodized Finish, Add	1.09			
	For Black Color Class I Anodized Finish, Add	3.28			
08 43 13 00-0078	SF 8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.71		8.56	
	For Various Color Class I Anodized Finish, Add	1.00			
	For Black Color Class I Anodized Finish, Add	3.00			
08 43 13 00-0079	SF 9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.53		8.00	
	For Various Color Class I Anodized Finish, Add	0.93			
	For Black Color Class I Anodized Finish, Add	2.78			
08 43 13 00-0080	SF 10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.81		7.51	
	For Various Color Class I Anodized Finish, Add	0.87			
	For Black Color Class I Anodized Finish, Add	2.61			
08 43 13 00-0081	SF 11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.35		7.04	
	For Various Color Class I Anodized Finish, Add	0.82			
	For Black Color Class I Anodized Finish, Add	2.46			
08 43 13 00-0082	SF 12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.22		6.76	
	For Various Color Class I Anodized Finish, Add	0.78			
	For Black Color Class I Anodized Finish, Add	2.35			
08 43 13 00-0083	Accessories For Aluminum Storefront Framing Assembly (08 43 13 00-0001)				
08 43 13 00-0084	LF For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	26.59		6.33	
08 43 13 00-0085	LF For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	30.18		6.97	
08 43 13 00-0086	LF For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	44.58		7.66	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 43 19 Stainless-Steel-Framed Storefronts (08 43)**08 43 19 00-0001 Stainless Steel Storefront Framing Assembly (08 43 19)**

Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.

08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	39.22	4.76
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	3.20	

08 44 Curtain Wall and Glazed Assemblies (08 40)**08 44 13 Glazed Aluminum Curtain Walls (08 44)****08 44 13 00-0001 Curtain Walls (08 44 13)****08 44 13 00-0002 Coping Sections (08 44 13 00-0001)**

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	46.64	2.85
		For Bronze Anodized Aluminum, Add	4.49	
		For Stainless Steel, Add	18.80	
		For Black Anodized Finish, Add	8.08	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	48.24	2.85
		For Bronze Anodized Aluminum, Add	4.73	
		For Stainless Steel, Add	19.76	
		For Black Anodized Finish, Add	8.52	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	58.25	3.80
		For Bronze Anodized Aluminum, Add	5.62	
		For Stainless Steel, Add	23.50	
		For Black Anodized Finish, Add	10.11	

08 44 13 00-0006 Sill Section (08 44 13 00-0001)

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	37.74	1.91
		For Bronze Anodized Aluminum, Add	3.90	
		For Stainless Steel, Add	16.18	
		For Black Anodized Finish, Add	7.02	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	40.51	1.91
		For Bronze Anodized Aluminum, Add	4.31	
		For Stainless Steel, Add	17.84	
		For Black Anodized Finish, Add	7.77	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	43.32	1.91
		For Bronze Anodized Aluminum, Add	4.74	
		For Stainless Steel, Add	19.53	
		For Black Anodized Finish, Add	8.52	

08 44 13 00-0010 Aluminum Column Covers (08 44 13 00-0001)

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	92.22	4.76
		For Bronze Anodized Aluminum, Add	9.81	
		For Stainless Steel, Add	40.59	
		For Black Anodized Finish, Add	17.66	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	111.93	4.76
		For Bronze Anodized Aluminum, Add	12.53	
		For Stainless Steel, Add	51.53	
		For Black Anodized Finish, Add	22.55	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	119.33	4.76
		For Bronze Anodized Aluminum, Add	13.64	
		For Stainless Steel, Add	55.97	
		For Black Anodized Finish, Add	24.55	

08 44 13 00-0014 Spandrel Covers (08 44 13 00-0001)

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	36.37	1.91
		For Bronze Anodized Aluminum, Add	4.26	
		For Stainless Steel, Add	17.42	
		For Black Anodized Finish, Add	7.66	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	32.16	1.91
		For Bronze Anodized Aluminum, Add	3.62	
		For Stainless Steel, Add	14.90	
		For Black Anodized Finish, Add	6.52	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	67.02	1.91
		For Bronze Anodized Aluminum, Add	8.85	
		For Stainless Steel, Add	35.81	
		For Black Anodized Finish, Add	15.94	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	55.15	1.91
		For Bronze Anodized Aluminum, Add	7.07	
		For Stainless Steel, Add	28.69	
		For Black Anodized Finish, Add	12.73	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	41.20	1.91
		For Bronze Anodized Aluminum, Add	4.67	
		For Stainless Steel, Add	19.18	
		For Black Anodized Finish, Add	8.40	



		Openings	08
		Entrances, Storefronts, and Curtain Walls	08 40
		Curtain Wall and Glazed Assemblies	08 44

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0020	SF		2" Spandrel Cover, Aluminum Exterior Face.....	37.22	1.91
			For Bronze Anodized Aluminum, Add	4.07	
			For Stainless Steel, Add	16.79	
			For Black Anodized Finish, Add	7.33	
08 44 13 00-0021	SF		2" Spandrel Cover, Epoxy Both Faces.....	76.87	1.91
			For Bronze Anodized Aluminum, Add	10.02	
			For Stainless Steel, Add	40.58	
			For Black Anodized Finish, Add	18.03	
08 44 13 00-0022	SF		2" Spandrel Cover, Epoxy Exterior Face Only.....	63.18	1.91
			For Bronze Anodized Aluminum, Add	7.97	
			For Stainless Steel, Add	32.36	
			For Black Anodized Finish, Add	14.34	
08 44 13 00-0023			Curtain Wall, Aluminum System Framing Sections (08 44 13 00-0001)		
			Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls.....	51.61	1.91
			For Bronze Anodized Aluminum, Add	6.61	
			For Stainless Steel, Add	26.81	
			For Black Anodized Finish, Add	11.90	
08 44 13 00-0025	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls.....	51.46	1.91
			For Bronze Anodized Aluminum, Add	6.61	
			For Stainless Steel, Add	26.81	
			For Black Anodized Finish, Add	11.90	
08 44 13 00-0026	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls.....	51.46	1.91
			For Bronze Anodized Aluminum, Add	6.61	
			For Stainless Steel, Add	26.81	
			For Black Anodized Finish, Add	11.90	
			For Corner Mullion, Add	12.13	
08 44 13 00-0027	LF		Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls.....	64.07	3.80
			For Bronze Anodized Aluminum, Add	7.90	
			For Stainless Steel, Add	32.16	
			For Black Anodized Finish, Add	14.22	
08 44 13 00-0028	LF		Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls.....	64.07	3.80
			For Bronze Anodized Aluminum, Add	7.90	
			For Stainless Steel, Add	32.16	
			For Black Anodized Finish, Add	14.22	
08 44 13 00-0029	LF		Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls.....	64.07	3.80
			For Bronze Anodized Aluminum, Add	7.90	
			For Stainless Steel, Add	32.16	
			For Black Anodized Finish, Add	14.22	
			For Corner Mullion, Add	14.88	
08 44 13 00-0030	LF		Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls.....	70.39	4.19
			For Bronze Anodized Aluminum, Add	8.66	
			For Stainless Steel, Add	35.25	
			For Black Anodized Finish, Add	15.58	
08 44 13 00-0031	LF		Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls.....	70.39	4.19
			For Bronze Anodized Aluminum, Add	8.66	
			For Stainless Steel, Add	35.25	
			For Black Anodized Finish, Add	15.58	
08 44 13 00-0032	LF		Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls.....	70.39	4.19
			For Bronze Anodized Aluminum, Add	8.66	
			For Stainless Steel, Add	35.25	
			For Black Anodized Finish, Add	15.58	
			For Corner Mullion, Add	16.33	
08 44 13 00-0033	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls.....	76.88	4.76
			For Bronze Anodized Aluminum, Add	9.42	
			For Stainless Steel, Add	38.37	
			For Black Anodized Finish, Add	16.95	
08 44 13 00-0034	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls.....	76.88	4.76
			For Bronze Anodized Aluminum, Add	9.42	
			For Stainless Steel, Add	38.37	
			For Black Anodized Finish, Add	16.95	
08 44 13 00-0035	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls.....	76.88	4.76
			For Bronze Anodized Aluminum, Add	9.42	
			For Stainless Steel, Add	38.37	
			For Black Anodized Finish, Add	16.95	
			For Corner Mullion, Add	17.81	
08 44 13 00-0036	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls.....	86.19	5.14
			For Bronze Anodized Aluminum, Add	10.62	
			For Stainless Steel, Add	43.25	
			For Black Anodized Finish, Add	19.12	
08 44 13 00-0037	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls.....	86.19	5.14
			For Bronze Anodized Aluminum, Add	10.62	
			For Stainless Steel, Add	43.25	
			For Black Anodized Finish, Add	19.12	
08 44 13 00-0038	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls.....	86.19	5.14
			For Bronze Anodized Aluminum, Add	10.62	
			For Stainless Steel, Add	43.25	
			For Black Anodized Finish, Add	19.12	
			For Corner Mullion, Add	20.01	
08 44 13 00-0039	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls.....	98.94	5.71
			For Bronze Anodized Aluminum, Add	12.19	
			For Stainless Steel, Add	49.66	
			For Black Anodized Finish, Add	21.95	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 44 Curtain Wall and Glazed Assemblies**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0040 LF Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls.....	98.94	5.71
For Bronze Anodized Aluminum, Add	12.19	
For Stainless Steel, Add	49.66	
For Black Anodized Finish, Add	21.95	
08 44 13 00-0041 LF Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	98.94	5.71
For Bronze Anodized Aluminum, Add	12.19	
For Stainless Steel, Add	49.66	
For Black Anodized Finish, Add	21.95	
For Corner Mullion, Add	22.97	

08 45 Translucent Wall and Roof Assemblies (08 40)**08 45 23 Fiberglass-Sandwich-Panel Assemblies** (08 45)**08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick** (08 45 23)

08 45 23 00-0002 SF <5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed.....	62.08	4.83
For Aluminum Frame, Add	5.48	
08 45 23 00-0003 SF >5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed.....	56.67	4.11
For Aluminum Frame, Add	5.05	

08 50 Windows (08)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows (08 50)**08 51 13 Aluminum Windows** (08 51)

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows (08 51 13)

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows (08 51 13 00-0001)**08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)** (08 51 13 00-0002)

08 51 13 00-0004 EA Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	483.46	89.19
For 50% Fluoropolymer Finish (Acrynar), Add	6.70	
For 70% Fluoropolymer Finish (Duramar), Add	20.09	
For Clear Anodized Finish, Add	16.74	
For Color Anodized Finish, Add	23.44	
08 51 13 00-0005 EA >6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	544.44	94.76
For 50% Fluoropolymer Finish (Acrynar), Add	7.73	
For 70% Fluoropolymer Finish (Duramar), Add	23.19	
For Clear Anodized Finish, Add	19.33	
For Color Anodized Finish, Add	27.06	
08 51 13 00-0006 EA >10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	596.41	100.34
For 50% Fluoropolymer Finish (Acrynar), Add	8.58	
For 70% Fluoropolymer Finish (Duramar), Add	25.75	
For Clear Anodized Finish, Add	21.46	
For Color Anodized Finish, Add	30.04	
08 51 13 00-0007 EA >15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	639.42	105.91
For 50% Fluoropolymer Finish (Acrynar), Add	9.26	
For 70% Fluoropolymer Finish (Duramar), Add	27.77	
For Clear Anodized Finish, Add	23.15	
For Color Anodized Finish, Add	32.40	
08 51 13 00-0008 EA >20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	736.34	111.48
For 50% Fluoropolymer Finish (Acrynar), Add	11.01	
For 70% Fluoropolymer Finish (Duramar), Add	33.03	
For Clear Anodized Finish, Add	27.53	
For Color Anodized Finish, Add	38.54	
08 51 13 00-0009 SF >30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	23.94	3.35
For 50% Fluoropolymer Finish (Acrynar), Add	0.37	
For 70% Fluoropolymer Finish (Duramar), Add	1.10	
For Clear Anodized Finish, Add	0.92	
For Color Anodized Finish, Add	1.29	

08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) (08 51 13 00-0002)

08 51 13 00-0011 EA Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	721.66	89.19
For 50% Fluoropolymer Finish (Acrynar), Add	11.46	
For 70% Fluoropolymer Finish (Duramar), Add	34.38	
For Clear Anodized Finish, Add	28.65	
For Color Anodized Finish, Add	40.11	
08 51 13 00-0012 EA >6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	802.85	94.76
For 50% Fluoropolymer Finish (Acrynar), Add	12.90	
For 70% Fluoropolymer Finish (Duramar), Add	38.69	
For Clear Anodized Finish, Add	32.25	
For Color Anodized Finish, Add	45.14	



Openings			08	08
Windows			08 50	
Metal Windows			08 51	

MINOR		DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM			
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	870.56 14.07 42.20 35.17 49.23	100.34
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	936.03 15.19 45.57 37.98 53.17	105.91
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,113.85 18.56 55.68 46.40 64.96	111.48
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	36.52 0.62 1.86 1.55 2.17	3.35
08 51 13 00-0017		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08 51 13 00-0002)		
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	762.10 12.27 36.81 30.67 42.94	89.19
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	859.03 14.02 42.07 35.05 49.08	94.76
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	937.97 15.42 46.25 38.54 53.95	100.34
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,014.68 16.76 50.29 41.91 58.67	105.91
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,210.48 20.49 61.48 51.23 71.73	111.48
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	39.74 0.68 2.05 1.71 2.39	3.35
08 51 13 00-0024		4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08 51 13 00-0002)		
08 51 13 00-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	838.50 13.80 41.39 34.49 48.29	89.19
08 51 13 00-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	964.64 16.13 48.40 40.34 56.47	94.76
08 51 13 00-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,045.83 17.57 52.72 43.93 61.50	100.34
08 51 13 00-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,122.54 18.92 56.76 47.30 66.22	105.91
08 51 13 00-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,302.61 22.34 67.01 55.84 78.18	111.48

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0030 SF >30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	42.81	3.35
For 50% Fluoropolymer Finish (Acrynar), Add	0.74	
For 70% Fluoropolymer Finish (Duranar), Add	2.23	
For Clear Anodized Finish, Add	1.86	
For Color Anodized Finish, Add	2.61	
08 51 13 00-0031 Double Hung Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) (08 51 13 00-0031)		
08 51 13 00-0033 EA Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	544.14	89.19
For 50% Fluoropolymer Finish (Acrynar), Add	7.91	
For 70% Fluoropolymer Finish (Duranar), Add	23.73	
For Clear Anodized Finish, Add	19.77	
For Color Anodized Finish, Add	27.68	
08 51 13 00-0034 EA >6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	602.86	94.76
For 50% Fluoropolymer Finish (Acrynar), Add	8.90	
For 70% Fluoropolymer Finish (Duranar), Add	26.70	
For Clear Anodized Finish, Add	22.25	
For Color Anodized Finish, Add	31.14	
08 51 13 00-0035 EA >10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	652.59	100.34
For 50% Fluoropolymer Finish (Acrynar), Add	9.71	
For 70% Fluoropolymer Finish (Duranar), Add	29.12	
For Clear Anodized Finish, Add	24.27	
For Color Anodized Finish, Add	33.98	
08 51 13 00-0036 EA >15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	704.58	105.91
For 50% Fluoropolymer Finish (Acrynar), Add	10.56	
For 70% Fluoropolymer Finish (Duranar), Add	31.68	
For Clear Anodized Finish, Add	26.40	
For Color Anodized Finish, Add	36.96	
08 51 13 00-0037 EA >20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	823.98	111.48
For 50% Fluoropolymer Finish (Acrynar), Add	12.76	
For 70% Fluoropolymer Finish (Duranar), Add	38.29	
For Clear Anodized Finish, Add	31.91	
For Color Anodized Finish, Add	44.67	
08 51 13 00-0038 SF >30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	26.86	3.35
For 50% Fluoropolymer Finish (Acrynar), Add	0.43	
For 70% Fluoropolymer Finish (Duranar), Add	1.28	
For Clear Anodized Finish, Add	1.06	
For Color Anodized Finish, Add	1.49	
08 51 13 00-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) (08 51 13 00-0031)		
08 51 13 00-0040 EA Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	672.22	89.19
For 50% Fluoropolymer Finish (Acrynar), Add	10.47	
For 70% Fluoropolymer Finish (Duranar), Add	31.41	
For Clear Anodized Finish, Add	26.18	
For Color Anodized Finish, Add	36.65	
08 51 13 00-0041 EA >6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	780.38	94.76
For 50% Fluoropolymer Finish (Acrynar), Add	12.45	
For 70% Fluoropolymer Finish (Duranar), Add	37.35	
For Clear Anodized Finish, Add	31.12	
For Color Anodized Finish, Add	43.57	
08 51 13 00-0042 EA >10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	868.31	100.34
For 50% Fluoropolymer Finish (Acrynar), Add	14.02	
For 70% Fluoropolymer Finish (Duranar), Add	42.07	
For Clear Anodized Finish, Add	35.05	
For Color Anodized Finish, Add	49.08	
08 51 13 00-0043 EA >15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	967.49	105.91
For 50% Fluoropolymer Finish (Acrynar), Add	15.82	
For 70% Fluoropolymer Finish (Duranar), Add	47.46	
For Clear Anodized Finish, Add	39.55	
For Color Anodized Finish, Add	55.37	
08 51 13 00-0044 EA >20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,149.81	111.48
For 50% Fluoropolymer Finish (Acrynar), Add	19.28	
For 70% Fluoropolymer Finish (Duranar), Add	57.84	
For Clear Anodized Finish, Add	48.20	
For Color Anodized Finish, Add	67.48	
08 51 13 00-0045 SF >30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	37.71	3.35
For 50% Fluoropolymer Finish (Acrynar), Add	0.64	
For 70% Fluoropolymer Finish (Duranar), Add	1.93	
For Clear Anodized Finish, Add	1.61	
For Color Anodized Finish, Add	2.25	
08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) (08 51 13 00-0031)		
08 51 13 00-0047 EA Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	849.74	89.19
For 50% Fluoropolymer Finish (Acrynar), Add	14.02	
For 70% Fluoropolymer Finish (Duranar), Add	42.07	
For Clear Anodized Finish, Add	35.05	
For Color Anodized Finish, Add	49.08	



Openings			08	08
Windows			08 50	
Metal Windows			08 51	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 51 13 00-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	975.88	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	16.36		
		For 70% Fluoropolymer Finish (Duranar), Add	49.08		
		For Clear Anodized Finish, Add	40.90		
		For Color Anodized Finish, Add	57.26		
08 51 13 00-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,081.78	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	18.29		
		For 70% Fluoropolymer Finish (Duranar), Add	54.87		
		For Clear Anodized Finish, Add	45.73		
		For Color Anodized Finish, Add	64.02		
08 51 13 00-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,185.46	105.91	
		For 50% Fluoropolymer Finish (Acrynar), Add	20.18		
		For 70% Fluoropolymer Finish (Duranar), Add	60.54		
		For Clear Anodized Finish, Add	50.45		
		For Color Anodized Finish, Add	70.63		
08 51 13 00-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,435.19	111.48	
		For 50% Fluoropolymer Finish (Acrynar), Add	24.99		
		For 70% Fluoropolymer Finish (Duranar), Add	74.96		
		For Clear Anodized Finish, Add	62.47		
		For Color Anodized Finish, Add	87.46		
08 51 13 00-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	47.22	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	0.83		
		For 70% Fluoropolymer Finish (Duranar), Add	2.50		
		For Clear Anodized Finish, Add	2.08		
		For Color Anodized Finish, Add	2.91		
08 51 13 00-0053		4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) (08 51 13 00-0031)			
08 51 13 00-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,333.16	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	23.50		
		For 70% Fluoropolymer Finish (Duranar), Add	70.51		
		For Clear Anodized Finish, Add	58.76		
		For Color Anodized Finish, Add	82.27		
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,461.54	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	25.89		
		For 70% Fluoropolymer Finish (Duranar), Add	77.66		
		For Clear Anodized Finish, Add	64.72		
		For Color Anodized Finish, Add	90.60		
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,612.40	105.91	
		For 50% Fluoropolymer Finish (Acrynar), Add	28.72		
		For 70% Fluoropolymer Finish (Duranar), Add	86.15		
		For Clear Anodized Finish, Add	71.79		
		For Color Anodized Finish, Add	100.51		
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,866.63	111.48	
		For 50% Fluoropolymer Finish (Acrynar), Add	33.62		
		For 70% Fluoropolymer Finish (Duranar), Add	100.85		
		For Clear Anodized Finish, Add	84.04		
		For Color Anodized Finish, Add	117.66		
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	61.53	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.12		
		For 70% Fluoropolymer Finish (Duranar), Add	3.36		
		For Clear Anodized Finish, Add	2.80		
		For Color Anodized Finish, Add	3.92		
08 51 13 00-0059		5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) (08 51 13 00-0031)			
08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,841.00	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	33.66		
		For 70% Fluoropolymer Finish (Duranar), Add	100.98		
		For Clear Anodized Finish, Add	84.15		
		For Color Anodized Finish, Add	117.81		
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,985.11	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	36.36		
		For 70% Fluoropolymer Finish (Duranar), Add	109.07		
		For Clear Anodized Finish, Add	90.89		
		For Color Anodized Finish, Add	127.25		
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,149.46	105.91	
		For 50% Fluoropolymer Finish (Acrynar), Add	39.46		
		For 70% Fluoropolymer Finish (Duranar), Add	118.38		
		For Clear Anodized Finish, Add	98.65		
		For Color Anodized Finish, Add	138.11		
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,435.14	111.48	
		For 50% Fluoropolymer Finish (Acrynar), Add	44.99		
		For 70% Fluoropolymer Finish (Duranar), Add	134.96		
		For Clear Anodized Finish, Add	112.47		
		For Color Anodized Finish, Add	157.45		
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	80.63	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.50		
		For 70% Fluoropolymer Finish (Duranar), Add	4.50		
		For Clear Anodized Finish, Add	3.75		
		For Color Anodized Finish, Add	5.25		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 51 13 00-0065	Horizontal Sliding Aluminum Windows (08 51 13 00-0001)				
08 51 13 00-0066	One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)				
08 51 13 00-0067	2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) (08 51 13 00-0066)				
08 51 13 00-0068	EA Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	494.70		89.19	
	For 50% Fluoropolymer Finish (Acrynar), Add	6.92			
	For 70% Fluoropolymer Finish (Duranar), Add	20.76			
	For Clear Anodized Finish, Add	17.30			
	For Color Anodized Finish, Add	24.22			
08 51 13 00-0069	EA >6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	557.92		94.76	
	For 50% Fluoropolymer Finish (Acrynar), Add	8.00			
	For 70% Fluoropolymer Finish (Duranar), Add	24.00			
	For Clear Anodized Finish, Add	20.00			
	For Color Anodized Finish, Add	28.00			
08 51 13 00-0070	EA >10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	605.40		100.34	
	For 50% Fluoropolymer Finish (Acrynar), Add	8.76			
	For 70% Fluoropolymer Finish (Duranar), Add	26.29			
	For Clear Anodized Finish, Add	21.91			
	For Color Anodized Finish, Add	30.67			
08 51 13 00-0071	EA >15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	655.15		105.91	
	For 50% Fluoropolymer Finish (Acrynar), Add	9.57			
	For 70% Fluoropolymer Finish (Duranar), Add	28.72			
	For Clear Anodized Finish, Add	23.93			
	For Color Anodized Finish, Add	33.50			
08 51 13 00-0072	EA >20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	756.57		111.48	
	For 50% Fluoropolymer Finish (Acrynar), Add	11.42			
	For 70% Fluoropolymer Finish (Duranar), Add	34.25			
	For Clear Anodized Finish, Add	28.54			
	For Color Anodized Finish, Add	39.95			
08 51 13 00-0073	SF >30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	24.61		3.35	
	For 50% Fluoropolymer Finish (Acrynar), Add	0.38			
	For 70% Fluoropolymer Finish (Duranar), Add	1.14			
	For Clear Anodized Finish, Add	0.95			
	For Color Anodized Finish, Add	1.33			
08 51 13 00-0074	3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) (08 51 13 00-0066)				
08 51 13 00-0075	EA Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	780.08		89.19	
	For 50% Fluoropolymer Finish (Acrynar), Add	12.63			
	For 70% Fluoropolymer Finish (Duranar), Add	37.89			
	For Clear Anodized Finish, Add	31.57			
	For Color Anodized Finish, Add	44.20			
08 51 13 00-0076	EA >6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	879.25		94.76	
	For 50% Fluoropolymer Finish (Acrynar), Add	14.43			
	For 70% Fluoropolymer Finish (Duranar), Add	43.28			
	For Clear Anodized Finish, Add	36.07			
	For Color Anodized Finish, Add	50.49			
08 51 13 00-0077	EA >10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	958.19		100.34	
	For 50% Fluoropolymer Finish (Acrynar), Add	15.82			
	For 70% Fluoropolymer Finish (Duranar), Add	47.46			
	For Clear Anodized Finish, Add	39.55			
	For Color Anodized Finish, Add	55.37			
08 51 13 00-0078	EA >15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	1,034.90		105.91	
	For 50% Fluoropolymer Finish (Acrynar), Add	17.17			
	For 70% Fluoropolymer Finish (Duranar), Add	51.50			
	For Clear Anodized Finish, Add	42.92			
	For Color Anodized Finish, Add	60.09			
08 51 13 00-0079	EA >20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	1,201.49		111.48	
	For 50% Fluoropolymer Finish (Acrynar), Add	20.31			
	For 70% Fluoropolymer Finish (Duranar), Add	60.94			
	For Clear Anodized Finish, Add	50.78			
	For Color Anodized Finish, Add	71.10			
08 51 13 00-0080	SF >30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	39.44		3.35	
	For 50% Fluoropolymer Finish (Acrynar), Add	0.68			
	For 70% Fluoropolymer Finish (Duranar), Add	2.03			
	For Clear Anodized Finish, Add	1.69			
	For Color Anodized Finish, Add	2.37			



		Openings	08	08
		Windows	08 50	
		Metal Windows	08 51	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 51 13 00-0081	Two Rolling Sashes, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)			
08 51 13 00-0082	3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) (08 51 13 00-0081)			
08 51 13 00-0083	EA Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	553.12		89.19
	For 50% Fluoropolymer Finish (Acrynar), Add	8.09		
	For 70% Fluoropolymer Finish (Duramar), Add	24.27		
	For Clear Anodized Finish, Add	20.22		
	For Color Anodized Finish, Add	28.31		
08 51 13 00-0084	EA >6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	634.32		94.76
	For 50% Fluoropolymer Finish (Acrynar), Add	9.53		
	For 70% Fluoropolymer Finish (Duramar), Add	28.58		
	For Clear Anodized Finish, Add	23.82		
	For Color Anodized Finish, Add	33.35		
08 51 13 00-0085	EA >10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	688.54		100.34
	For 50% Fluoropolymer Finish (Acrynar), Add	10.43		
	For 70% Fluoropolymer Finish (Duramar), Add	31.28		
	For Clear Anodized Finish, Add	26.07		
	For Color Anodized Finish, Add	36.49		
08 51 13 00-0086	EA >15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	733.80		105.91
	For 50% Fluoropolymer Finish (Acrynar), Add	11.15		
	For 70% Fluoropolymer Finish (Duramar), Add	33.44		
	For Clear Anodized Finish, Add	27.86		
	For Color Anodized Finish, Add	39.01		
08 51 13 00-0087	EA >20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	848.70		111.48
	For 50% Fluoropolymer Finish (Acrynar), Add	13.26		
	For 70% Fluoropolymer Finish (Duramar), Add	39.77		
	For Clear Anodized Finish, Add	33.14		
	For Color Anodized Finish, Add	46.40		
08 51 13 00-0088	SF >30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	27.67		3.35
	For 50% Fluoropolymer Finish (Acrynar), Add	0.44		
	For 70% Fluoropolymer Finish (Duramar), Add	1.33		
	For Clear Anodized Finish, Add	1.10		
	For Color Anodized Finish, Add	1.55		
08 51 13 00-0089	Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)			
08 51 13 00-0090	4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) (08 51 13 00-0089)			
08 51 13 00-0091	EA Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,404.77		89.19
	For 50% Fluoropolymer Finish (Acrynar), Add	25.12		
	For 70% Fluoropolymer Finish (Duramar), Add	75.37		
	For Clear Anodized Finish, Add	62.81		
	For Color Anodized Finish, Add	87.93		
08 51 13 00-0092	EA >12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,616.74		103.12
	For 50% Fluoropolymer Finish (Acrynar), Add	28.90		
	For 70% Fluoropolymer Finish (Duramar), Add	86.69		
	For Clear Anodized Finish, Add	72.24		
	For Color Anodized Finish, Add	101.14		
08 51 13 00-0093	EA >18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,747.37		108.70
	For 50% Fluoropolymer Finish (Acrynar), Add	31.32		
	For 70% Fluoropolymer Finish (Duramar), Add	93.97		
	For Clear Anodized Finish, Add	78.31		
	For Color Anodized Finish, Add	109.63		
08 51 13 00-0094	EA >24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,112.16		122.63
	For 50% Fluoropolymer Finish (Acrynar), Add	38.16		
	For 70% Fluoropolymer Finish (Duramar), Add	114.47		
	For Clear Anodized Finish, Add	95.39		
	For Color Anodized Finish, Add	133.54		
08 51 13 00-0095	EA >40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,438.89		139.35
	For 50% Fluoropolymer Finish (Acrynar), Add	44.13		
	For 70% Fluoropolymer Finish (Duramar), Add	132.40		
	For Clear Anodized Finish, Add	110.33		
	For Color Anodized Finish, Add	154.46		
08 51 13 00-0096	SF >60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	42.34		3.35
	For 50% Fluoropolymer Finish (Acrynar), Add	0.74		
	For 70% Fluoropolymer Finish (Duramar), Add	2.21		
	For Clear Anodized Finish, Add	1.84		
	For Color Anodized Finish, Add	2.57		

08 51 13 00-0097 Fixed Aluminum Windows (08 51 13 00-0001)

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0098		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) (08 51 13 00-0097)		
08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	389.09	89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	4.81	
		For 70% Fluoropolymer Finish (Duranar), Add	14.43	
		For Clear Anodized Finish, Add	12.02	
		For Color Anodized Finish, Add	16.83	
08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	443.32	94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	5.71	
		For 70% Fluoropolymer Finish (Duranar), Add	17.12	
		For Clear Anodized Finish, Add	14.27	
		For Color Anodized Finish, Add	19.98	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	468.33	100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	6.02	
		For 70% Fluoropolymer Finish (Duranar), Add	18.07	
		For Clear Anodized Finish, Add	15.06	
		For Color Anodized Finish, Add	21.08	
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	493.36	105.91
		For 50% Fluoropolymer Finish (Acrynar), Add	6.34	
		For 70% Fluoropolymer Finish (Duranar), Add	19.01	
		For Clear Anodized Finish, Add	15.84	
		For Color Anodized Finish, Add	22.18	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	648.71	111.48
		For 50% Fluoropolymer Finish (Acrynar), Add	9.26	
		For 70% Fluoropolymer Finish (Duranar), Add	27.77	
		For Clear Anodized Finish, Add	23.15	
		For Color Anodized Finish, Add	32.40	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	21.02	3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	0.31	
		For 70% Fluoropolymer Finish (Duranar), Add	0.93	
		For Clear Anodized Finish, Add	0.77	
		For Color Anodized Finish, Add	1.08	
08 51 13 00-0105		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) (08 51 13 00-0097)		
08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	487.96	89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	6.79	
		For 70% Fluoropolymer Finish (Duranar), Add	20.36	
		For Clear Anodized Finish, Add	16.97	
		For Color Anodized Finish, Add	23.75	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	557.92	94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	8.00	
		For 70% Fluoropolymer Finish (Duranar), Add	24.00	
		For Clear Anodized Finish, Add	20.00	
		For Color Anodized Finish, Add	28.00	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	600.91	100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	8.67	
		For 70% Fluoropolymer Finish (Duranar), Add	26.02	
		For Clear Anodized Finish, Add	21.68	
		For Color Anodized Finish, Add	30.36	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	646.16	105.91
		For 50% Fluoropolymer Finish (Acrynar), Add	9.39	
		For 70% Fluoropolymer Finish (Duranar), Add	28.18	
		For Clear Anodized Finish, Add	23.48	
		For Color Anodized Finish, Add	32.87	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	848.70	111.48
		For 50% Fluoropolymer Finish (Acrynar), Add	13.26	
		For 70% Fluoropolymer Finish (Duranar), Add	39.77	
		For Clear Anodized Finish, Add	33.14	
		For Color Anodized Finish, Add	46.40	
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	27.67	3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	0.44	
		For 70% Fluoropolymer Finish (Duranar), Add	1.33	
		For Clear Anodized Finish, Add	1.10	
		For Color Anodized Finish, Add	1.55	
08 51 13 00-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) (08 51 13 00-0097)		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	420.55	89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	5.44	
		For 70% Fluoropolymer Finish (Duranar), Add	16.31	
		For Clear Anodized Finish, Add	13.60	
		For Color Anodized Finish, Add	19.03	
08 51 13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	490.51	94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	6.65	
		For 70% Fluoropolymer Finish (Duranar), Add	19.95	
		For Clear Anodized Finish, Add	16.63	
		For Color Anodized Finish, Add	23.28	
08 51 13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	529.00	100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	7.24	
		For 70% Fluoropolymer Finish (Duranar), Add	21.71	
		For Clear Anodized Finish, Add	18.09	
		For Color Anodized Finish, Add	25.32	



Openings			08	08
Windows			08 50	
Metal Windows			08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	.....	569.76	105.91
		For 50% Fluoropolymer Finish (Acrynar), Add	7.86		
		For 70% Fluoropolymer Finish (Duranar), Add	23.59		
		For Clear Anodized Finish, Add	19.66		
		For Color Anodized Finish, Add	27.53		
08 51 13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	.....	761.06	111.48
		For 50% Fluoropolymer Finish (Acrynar), Add	11.51		
		For 70% Fluoropolymer Finish (Duranar), Add	34.52		
		For Clear Anodized Finish, Add	28.76		
		For Color Anodized Finish, Add	40.27		
08 51 13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	.....	24.75	3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	0.38		
		For 70% Fluoropolymer Finish (Duranar), Add	1.15		
		For Clear Anodized Finish, Add	0.96		
		For Color Anodized Finish, Add	1.34		
08 51 13 00-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) (08 51 13 00-0097)			
08 51 13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	.....	418.30	89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	5.39		
		For 70% Fluoropolymer Finish (Duranar), Add	16.18		
		For Clear Anodized Finish, Add	13.48		
		For Color Anodized Finish, Add	18.88		
08 51 13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	.....	481.52	94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	6.47		
		For 70% Fluoropolymer Finish (Duranar), Add	19.41		
		For Clear Anodized Finish, Add	16.18		
		For Color Anodized Finish, Add	22.65		
08 51 13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	.....	520.01	100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	7.06		
		For 70% Fluoropolymer Finish (Duranar), Add	21.17		
		For Clear Anodized Finish, Add	17.64		
		For Color Anodized Finish, Add	24.70		
08 51 13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	.....	560.77	105.91
		For 50% Fluoropolymer Finish (Acrynar), Add	7.69		
		For 70% Fluoropolymer Finish (Duranar), Add	23.06		
		For Clear Anodized Finish, Add	19.21		
		For Color Anodized Finish, Add	26.90		
08 51 13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	.....	752.07	111.48
		For 50% Fluoropolymer Finish (Acrynar), Add	11.33		
		For 70% Fluoropolymer Finish (Duranar), Add	33.98		
		For Clear Anodized Finish, Add	28.31		
		For Color Anodized Finish, Add	39.64		
08 51 13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	.....	24.46	3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	0.38		
		For 70% Fluoropolymer Finish (Duranar), Add	1.13		
		For Clear Anodized Finish, Add	0.94		
		For Color Anodized Finish, Add	1.32		
08 51 13 00-0126		Projected Aluminum Windows (08 51 13 00-0001)			
08 51 13 00-0127		Single Vent, Projected Aluminum Windows (08 51 13 00-0126)			
08 51 13 00-0128		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0127)			
08 51 13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	558.07	89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	8.19		
		For 70% Fluoropolymer Finish (Duranar), Add	24.57		
		For Clear Anodized Finish, Add	20.47		
		For Color Anodized Finish, Add	28.66		
08 51 13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	604.88	94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	8.94		
		For 70% Fluoropolymer Finish (Duranar), Add	26.82		
		For Clear Anodized Finish, Add	22.35		
		For Color Anodized Finish, Add	31.29		
08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	659.33	100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	9.84		
		For 70% Fluoropolymer Finish (Duranar), Add	29.53		
		For Clear Anodized Finish, Add	24.61		
		For Color Anodized Finish, Add	34.45		
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	38.39	3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	0.66		
		For 70% Fluoropolymer Finish (Duranar), Add	1.97		
		For Clear Anodized Finish, Add	1.64		
		For Color Anodized Finish, Add	2.30		
08 51 13 00-0133		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0127)			
08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	.....	756.73	89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	12.16		
		For 70% Fluoropolymer Finish (Duranar), Add	36.48		
		For Clear Anodized Finish, Add	30.40		
		For Color Anodized Finish, Add	42.57		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500).....	836.36		94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	13.57		
		For 70% Fluoropolymer Finish (Duranar), Add	40.71		
		For Clear Anodized Finish, Add	33.92		
		For Color Anodized Finish, Add	47.49		
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500).....	928.98		100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	15.24		
		For 70% Fluoropolymer Finish (Duranar), Add	45.71		
		For Clear Anodized Finish, Add	38.09		
		For Color Anodized Finish, Add	53.32		
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	56.36		3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	1.02		
		For 70% Fluoropolymer Finish (Duranar), Add	3.05		
		For Clear Anodized Finish, Add	2.54		
		For Color Anodized Finish, Add	3.55		
08 51 13 00-0138		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0127)			
08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	831.25		89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	13.65		
		For 70% Fluoropolymer Finish (Duranar), Add	40.96		
		For Clear Anodized Finish, Add	34.13		
		For Color Anodized Finish, Add	47.78		
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	923.14		94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	15.30		
		For 70% Fluoropolymer Finish (Duranar), Add	45.91		
		For Clear Anodized Finish, Add	38.26		
		For Color Anodized Finish, Add	53.56		
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500).....	1,030.10		100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	17.26		
		For 70% Fluoropolymer Finish (Duranar), Add	51.77		
		For Clear Anodized Finish, Add	43.14		
		For Color Anodized Finish, Add	60.40		
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	63.11		3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	1.15		
		For 70% Fluoropolymer Finish (Duranar), Add	3.45		
		For Clear Anodized Finish, Add	2.88		
		For Color Anodized Finish, Add	4.03		
08 51 13 00-0143		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0127)			
08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600).....	882.57		89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	14.68		
		For 70% Fluoropolymer Finish (Duranar), Add	44.04		
		For Clear Anodized Finish, Add	36.70		
		For Color Anodized Finish, Add	51.37		
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	982.93		94.76
		For 50% Fluoropolymer Finish (Acrynar), Add	16.50		
		For 70% Fluoropolymer Finish (Duranar), Add	49.50		
		For Clear Anodized Finish, Add	41.25		
		For Color Anodized Finish, Add	57.75		
08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	1,099.76		100.34
		For 50% Fluoropolymer Finish (Acrynar), Add	18.65		
		For 70% Fluoropolymer Finish (Duranar), Add	55.95		
		For Clear Anodized Finish, Add	46.63		
		For Color Anodized Finish, Add	65.28		
08 51 13 00-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600).....	67.76		3.35
		For 50% Fluoropolymer Finish (Acrynar), Add	1.24		
		For 70% Fluoropolymer Finish (Duranar), Add	3.73		
		For Clear Anodized Finish, Add	3.11		
		For Color Anodized Finish, Add	4.35		
08 51 13 00-0148		4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0127)			
08 51 13 00-0149	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	875.94		89.19
		For 50% Fluoropolymer Finish (Acrynar), Add	14.55		
		For 70% Fluoropolymer Finish (Duranar), Add	43.64		
		For Clear Anodized Finish, Add	36.36		
		For Color Anodized Finish, Add	50.91		



Openings			08	08
Windows			08 50	
Metal Windows			08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0150	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	975.23	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	16.35		
		For 70% Fluoropolymer Finish (Duramar), Add	49.04		
		For Clear Anodized Finish, Add	40.86		
		For Color Anodized Finish, Add	57.21		
08 51 13 00-0151	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	1,090.77	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	18.47		
		For 70% Fluoropolymer Finish (Duramar), Add	55.41		
		For Clear Anodized Finish, Add	46.18		
		For Color Anodized Finish, Add	64.65		
08 51 13 00-0152	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	67.15	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.23		
		For 70% Fluoropolymer Finish (Duramar), Add	3.69		
		For Clear Anodized Finish, Add	3.08		
		For Color Anodized Finish, Add	4.31		
08 51 13 00-0153		Fixed Over Vent, Projected Aluminum Windows (08 51 13 00-0126)			
08 51 13 00-0154		2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0153)			
08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	774.96	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	12.53		
		For 70% Fluoropolymer Finish (Duramar), Add	37.58		
		For Clear Anodized Finish, Add	31.32		
		For Color Anodized Finish, Add	43.84		
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	857.57	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	13.99		
		For 70% Fluoropolymer Finish (Duramar), Add	41.98		
		For Clear Anodized Finish, Add	34.98		
		For Color Anodized Finish, Add	48.97		
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	953.70	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	15.73		
		For 70% Fluoropolymer Finish (Duramar), Add	47.19		
		For Clear Anodized Finish, Add	39.32		
		For Color Anodized Finish, Add	55.05		
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	57.94	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.05		
		For 70% Fluoropolymer Finish (Duramar), Add	3.14		
		For Clear Anodized Finish, Add	2.62		
		For Color Anodized Finish, Add	3.67		
08 51 13 00-0159		2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0153)			
08 51 13 00-0160	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,089.52	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	18.82		
		For 70% Fluoropolymer Finish (Duramar), Add	56.45		
		For Clear Anodized Finish, Add	47.04		
		For Color Anodized Finish, Add	65.86		
08 51 13 00-0161	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,224.04	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	21.32		
		For 70% Fluoropolymer Finish (Duramar), Add	63.97		
		For Clear Anodized Finish, Add	53.31		
		For Color Anodized Finish, Add	74.63		
08 51 13 00-0162	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	1,380.64	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	24.27		
		For 70% Fluoropolymer Finish (Duramar), Add	72.81		
		For Clear Anodized Finish, Add	60.67		
		For Color Anodized Finish, Add	84.94		
08 51 13 00-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	86.47	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.62		
		For 70% Fluoropolymer Finish (Duramar), Add	4.85		
		For Clear Anodized Finish, Add	4.04		
		For Color Anodized Finish, Add	5.66		
08 51 13 00-0164		3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0153)			
08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500).....	1,155.75	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	20.14		
		For 70% Fluoropolymer Finish (Duramar), Add	60.43		
		For Clear Anodized Finish, Add	50.36		
		For Color Anodized Finish, Add	70.50		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0166	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500).....	1,301.19	94.76
			For 50% Fluoropolymer Finish (Acrynar), Add	22.87	
			For 70% Fluoropolymer Finish (Duranar), Add	68.60	
			For Clear Anodized Finish, Add	57.16	
			For Color Anodized Finish, Add	80.03	
08 51 13 00-0167	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500).....	1,470.53	100.34
			For 50% Fluoropolymer Finish (Acrynar), Add	26.07	
			For 70% Fluoropolymer Finish (Duranar), Add	78.20	
			For Clear Anodized Finish, Add	65.17	
			For Color Anodized Finish, Add	91.23	
08 51 13 00-0168	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500).....	92.32	3.35
			For 50% Fluoropolymer Finish (Acrynar), Add	1.73	
			For 70% Fluoropolymer Finish (Duranar), Add	5.20	
			For Clear Anodized Finish, Add	4.34	
			For Color Anodized Finish, Add	6.07	
08 51 13 00-0169			3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0153)		
08 51 13 00-0170	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	1,149.14	89.19
			For 50% Fluoropolymer Finish (Acrynar), Add	20.01	
			For 70% Fluoropolymer Finish (Duranar), Add	60.03	
			For Clear Anodized Finish, Add	50.02	
			For Color Anodized Finish, Add	70.03	
08 51 13 00-0171	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	1,293.48	94.76
			For 50% Fluoropolymer Finish (Acrynar), Add	22.71	
			For 70% Fluoropolymer Finish (Duranar), Add	68.13	
			For Clear Anodized Finish, Add	56.78	
			For Color Anodized Finish, Add	79.49	
08 51 13 00-0172	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	1,461.54	100.34
			For 50% Fluoropolymer Finish (Acrynar), Add	25.89	
			For 70% Fluoropolymer Finish (Duranar), Add	77.66	
			For Clear Anodized Finish, Add	64.72	
			For Color Anodized Finish, Add	90.60	
08 51 13 00-0173	SF		>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	91.87	3.35
			For 50% Fluoropolymer Finish (Acrynar), Add	1.73	
			For 70% Fluoropolymer Finish (Duranar), Add	5.18	
			For Clear Anodized Finish, Add	4.31	
			For Color Anodized Finish, Add	6.04	
08 51 13 00-0174			4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0153)		
08 51 13 00-0175	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	1,251.79	89.19
			For 50% Fluoropolymer Finish (Acrynar), Add	22.06	
			For 70% Fluoropolymer Finish (Duranar), Add	66.19	
			For Clear Anodized Finish, Add	55.16	
			For Color Anodized Finish, Add	77.22	
08 51 13 00-0176	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	1,413.07	94.76
			For 50% Fluoropolymer Finish (Acrynar), Add	25.10	
			For 70% Fluoropolymer Finish (Duranar), Add	75.31	
			For Clear Anodized Finish, Add	62.76	
			For Color Anodized Finish, Add	87.86	
08 51 13 00-0177	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	1,600.86	100.34
			For 50% Fluoropolymer Finish (Acrynar), Add	28.67	
			For 70% Fluoropolymer Finish (Duranar), Add	86.02	
			For Clear Anodized Finish, Add	71.68	
			For Color Anodized Finish, Add	100.35	
08 51 13 00-0178	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	101.08	3.35
			For 50% Fluoropolymer Finish (Acrynar), Add	1.91	
			For 70% Fluoropolymer Finish (Duranar), Add	5.73	
			For Clear Anodized Finish, Add	4.78	
			For Color Anodized Finish, Add	6.69	
08 51 13 00-0179			Casement Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0180			Single Vent, Casement Aluminum Windows (08 51 13 00-0179)		
08 51 13 00-0181			2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0180)		



Openings			08	08
Windows			08 50	
Metal Windows			08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0182	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	639.19	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	9.81		
		For 70% Fluoropolymer Finish (Duranar), Add	29.43		
		For Clear Anodized Finish, Add	24.53		
		For Color Anodized Finish, Add	34.34		
08 51 13 00-0183	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	699.40	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	10.83		
		For 70% Fluoropolymer Finish (Duranar), Add	32.49		
		For Clear Anodized Finish, Add	27.07		
		For Color Anodized Finish, Add	37.90		
08 51 13 00-0184	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	769.44	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	12.04		
		For 70% Fluoropolymer Finish (Duranar), Add	36.13		
		For Clear Anodized Finish, Add	30.11		
		For Color Anodized Finish, Add	42.16		
08 51 13 00-0185	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	45.74	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	0.80		
		For 70% Fluoropolymer Finish (Duranar), Add	2.41		
		For Clear Anodized Finish, Add	2.01		
		For Color Anodized Finish, Add	2.81		
08 51 13 00-0186		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)			
08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	940.52	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	15.84		
		For 70% Fluoropolymer Finish (Duranar), Add	47.51		
		For Clear Anodized Finish, Add	39.59		
		For Color Anodized Finish, Add	55.43		
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,050.44	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	17.85		
		For 70% Fluoropolymer Finish (Duranar), Add	53.55		
		For Clear Anodized Finish, Add	44.63		
		For Color Anodized Finish, Add	62.48		
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,178.41	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	20.22		
		For 70% Fluoropolymer Finish (Duranar), Add	60.67		
		For Clear Anodized Finish, Add	50.56		
		For Color Anodized Finish, Add	70.78		
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	72.99	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.35		
		For 70% Fluoropolymer Finish (Duranar), Add	4.04		
		For Clear Anodized Finish, Add	3.37		
		For Color Anodized Finish, Add	4.72		
08 51 13 00-0191		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)			
08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	945.49	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	15.94		
		For 70% Fluoropolymer Finish (Duranar), Add	47.81		
		For Clear Anodized Finish, Add	39.84		
		For Color Anodized Finish, Add	55.78		
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,056.23	94.76	
		For 50% Fluoropolymer Finish (Acrynar), Add	17.97		
		For 70% Fluoropolymer Finish (Duranar), Add	53.90		
		For Clear Anodized Finish, Add	44.91		
		For Color Anodized Finish, Add	62.88		
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,185.15	100.34	
		For 50% Fluoropolymer Finish (Acrynar), Add	20.36		
		For 70% Fluoropolymer Finish (Duranar), Add	61.08		
		For Clear Anodized Finish, Add	50.90		
		For Color Anodized Finish, Add	71.26		
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	73.44	3.35	
		For 50% Fluoropolymer Finish (Acrynar), Add	1.36		
		For 70% Fluoropolymer Finish (Duranar), Add	4.07		
		For Clear Anodized Finish, Add	3.39		
		For Color Anodized Finish, Add	4.75		
08 51 13 00-0196		4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)			
08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	996.81	89.19	
		For 50% Fluoropolymer Finish (Acrynar), Add	16.96		
		For 70% Fluoropolymer Finish (Duranar), Add	50.89		
		For Clear Anodized Finish, Add	42.41		
		For Color Anodized Finish, Add	59.37		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,116.03 19.16 57.49 47.90 67.07	94.76
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,254.81 21.75 65.26 54.38 76.13	100.34
08 51 13 00-0200	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	78.09 1.45 4.35 3.63 5.08	3.35
08 51 13 00-0201		Fixed Over Vent, Casement Aluminum Windows (08 51 13 00-0179)		
08 51 13 00-0202		2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0201)		
08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	730.25 11.63 34.90 29.08 40.71	89.19
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	805.48 12.95 38.85 32.38 45.33	94.76
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	893.03 14.52 43.55 36.29 50.81	100.34
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	53.96 0.97 2.90 2.42 3.39	3.35
08 51 13 00-0207		2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0201)		
08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,031.57 17.66 52.98 44.15 61.80	89.19
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,156.52 19.97 59.91 49.93 69.90	94.76
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,302.00 22.70 68.09 56.74 79.43	100.34
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	81.24 1.51 4.54 3.78 5.30	3.35
08 51 13 00-0212		3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0201)		
08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	1,142.51 19.88 59.63 49.69 69.57	89.19



Openings			08	08
Windows			08 50	
Metal Windows			08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0214	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200).....	1,285.77	94.76
			For 50% Fluoropolymer Finish (Acrynar), Add	22.56	
			For 70% Fluoropolymer Finish (Duranar), Add	67.67	
			For Clear Anodized Finish, Add	56.39	
			For Color Anodized Finish, Add	78.95	
08 51 13 00-0215	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200).....	1,452.55	100.34
			For 50% Fluoropolymer Finish (Acrynar), Add	25.71	
			For 70% Fluoropolymer Finish (Duranar), Add	77.12	
			For Clear Anodized Finish, Add	64.27	
			For Color Anodized Finish, Add	89.97	
08 51 13 00-0216	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200).....	91.26	3.35
			For 50% Fluoropolymer Finish (Acrynar), Add	1.71	
			For 70% Fluoropolymer Finish (Duranar), Add	5.14	
			For Clear Anodized Finish, Add	4.28	
			For Color Anodized Finish, Add	6.00	
08 51 13 00-0217			4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0201)		
08 51 13 00-0218	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720).....	1,243.49	89.19
			For 50% Fluoropolymer Finish (Acrynar), Add	21.90	
			For 70% Fluoropolymer Finish (Duranar), Add	65.69	
			For Clear Anodized Finish, Add	54.74	
			For Color Anodized Finish, Add	76.64	
08 51 13 00-0219	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720).....	1,403.43	94.76
			For 50% Fluoropolymer Finish (Acrynar), Add	24.91	
			For 70% Fluoropolymer Finish (Duranar), Add	74.73	
			For Clear Anodized Finish, Add	62.27	
			For Color Anodized Finish, Add	87.18	
08 51 13 00-0220	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720).....	1,589.62	100.34
			For 50% Fluoropolymer Finish (Acrynar), Add	28.45	
			For 70% Fluoropolymer Finish (Duranar), Add	85.34	
			For Clear Anodized Finish, Add	71.12	
			For Color Anodized Finish, Add	99.57	
08 51 13 00-0221	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720).....	100.41	3.35
			For 50% Fluoropolymer Finish (Acrynar), Add	1.90	
			For 70% Fluoropolymer Finish (Duranar), Add	5.69	
			For Clear Anodized Finish, Add	4.74	
			For Color Anodized Finish, Add	6.64	
08 51 13 00-0222			Aluminum Window Accessories (08 51 13)		
08 51 13 00-0223			Aluminum Window Mullions (08 51 13 00-0222)		
08 51 13 00-0224	LF		Integral Mullions For Aluminum Windows	22.04	4.18
			For 50% Fluoropolymer Finish (Acrynar), Add	0.29	
			For 70% Fluoropolymer Finish (Duranar), Add	0.86	
			For Clear Anodized Finish, Add	0.72	
			For Color Anodized Finish, Add	1.00	
08 51 13 00-0225			Aluminum Window Panning (08 51 13 00-0222)		
			Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.		
08 51 13 00-0226	EA		Up To 6 SF Window, Aluminum Window Panning	226.98	34.45
			For 50% Fluoropolymer Finish (Acrynar), Add	3.39	
			For 70% Fluoropolymer Finish (Duranar), Add	10.17	
			For Clear Anodized Finish, Add	8.48	
			For Color Anodized Finish, Add	11.87	
08 51 13 00-0227	EA		>6 To 10 SF Window, Aluminum Window Panning.....	314.29	57.43
			For 50% Fluoropolymer Finish (Acrynar), Add	4.37	
			For 70% Fluoropolymer Finish (Duranar), Add	13.11	
			For Clear Anodized Finish, Add	10.93	
			For Color Anodized Finish, Add	15.30	
08 51 13 00-0228	EA		>10 To 15 SF Window, Aluminum Window Panning.....	382.59	86.15
			For 50% Fluoropolymer Finish (Acrynar), Add	4.78	
			For 70% Fluoropolymer Finish (Duranar), Add	14.34	
			For Clear Anodized Finish, Add	11.95	
			For Color Anodized Finish, Add	16.73	
08 51 13 00-0229	EA		>15 To 20 SF Window, Aluminum Window Panning.....	454.96	114.86
			For 50% Fluoropolymer Finish (Acrynar), Add	5.27	
			For 70% Fluoropolymer Finish (Duranar), Add	15.81	
			For Clear Anodized Finish, Add	13.18	
			For Color Anodized Finish, Add	18.45	
08 51 13 00-0230	EA		>20 To 30 SF Window, Aluminum Window Panning.....	597.66	172.29
			For 50% Fluoropolymer Finish (Acrynar), Add	6.21	
			For 70% Fluoropolymer Finish (Duranar), Add	18.63	
			For Clear Anodized Finish, Add	15.53	
			For Color Anodized Finish, Add	21.74	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0231 SF >30 SF Window, Aluminum Window Panning..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	21.67 0.19 0.58 0.49 0.68	7.18
08 51 13 00-0232 Aluminum Window Muntins, Grilles Or Dividers (08 51 13 00-0222)		
08 51 13 00-0233 SF Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	6.50 0.02 0.06 0.05 0.06	4.18
08 51 13 00-0234 SF Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	9.15 0.07 0.21 0.18 0.25	4.18
08 51 13 00-0235 SF Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	19.05 0.10 0.31 0.26 0.36	4.18
08 51 13 00-0236 SF True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows..... For 50% Fluoropolymer Finish (Acrynar), Add For 70% Fluoropolymer Finish (Duranar), Add For Clear Anodized Finish, Add For Color Anodized Finish, Add	22.94 0.14 0.43 0.36 0.50	4.18
08 51 13 00-0237 Other Aluminum Window Accessories (08 51 13 00-0222)		
08 51 13 00-0238 EA Roto Operator For Casement Aluminum Windows.....	179.95	18.57
08 51 13 00-0239 EA Head And Sill Automatic Locks For Hung Aluminum Windows.....	90.07	18.57
08 51 19 Stainless-Steel Windows (08 51) See CSI section 08 80 00 00-0000 for glazing.		
08 51 19 00-0001 Stainless Steel Windows Types (08 51 19)		
08 51 19 00-0002 Industrial (08 51 19 00-0001)		
08 51 19 00-0003 SF Stainless Steel Window With Horizontal Pivot Sash.....	82.62	5.58
08 51 19 00-0004 SF Stainless Steel Window, Fixed Sash.....	61.93	5.58
08 51 19 00-0005 Projected Sash (08 51 19 00-0001)		
08 51 19 00-0006 SF Commercial Projected Sash Window - 40% Vented Stainless Steel.....	86.49	5.58
08 51 19 00-0007 SF Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	95.64	5.58
08 51 19 00-0008 Other Type Sash (08 51 19 00-0001)		
08 51 19 00-0009 SF Double Hung Stainless Steel Window Sash.....	104.76	5.58
08 51 19 00-0010 SF Single Hung Stainless Steel Window Sash.....	73.67	5.58
08 51 19 00-0011 SF Stainless Steel Picture Window Sash.....	61.32	5.58
08 51 19 00-0012 SF Sliding Stainless Steel Window.....	108.11	5.58
08 51 19 00-0013 Casements (08 51 19 00-0001)		
08 51 19 00-0014 SF Stainless Steel Window Casements, 100% Vented Operable, Factory Primed.....	93.74	5.58
08 51 19 00-0015 SF Stainless Steel Window Casements, 50% Vented Operable, Factory Primed.....	80.87	5.58
08 51 19 00-0016 SF Stainless Steel Window Casements, Fixed Sash, Factory Primed.....	56.60	5.58
08 51 23 Steel Windows (08 51) Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.		
08 51 23 00-0001 Steel Windows (08 51 23)		
08 51 23 00-0002 Industrial (08 51 23 00-0001)		
08 51 23 00-0003 SF Industrial Steel Window With Horizontal Pivot Sash.....	43.13	5.58
08 51 23 00-0004 SF Industrial Steel Window, Fixed Sash.....	38.79	5.58
08 51 23 00-0005 SF Industrial Steel Window, Operable Security Sash.....	60.91	5.58
08 51 23 00-0006 SF Industrial Steel Window, Fixed Security Sash.....	52.24	5.58
08 51 23 00-0007 Projected Sash (08 51 23 00-0001)		
08 51 23 00-0008 SF Commercial Projected Sash Window - 40% Vented Steel.....	49.59	5.58
08 51 23 00-0009 SF Intermediate Projected Sash Window - 40% Vented Steel.....	54.36	5.58
08 51 23 00-0010 Other Type Sash (08 51 23 00-0001)		
08 51 23 00-0011 SF Double Hung Steel Window Sash.....	62.78	5.58



		Openings	08
		Windows	08 50
		Metal Windows	08 51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0012	SF	Steel Picture Window Sash.....	28.82	5.58
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	64.66	6.97
08 51 23 00-0014	SF	Single Hung Steel Window Sash	45.37	5.58
08 51 23 00-0015 Casements (08 51 23 00-0001)				
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed.....	56.62	2.78
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed.....	49.41	2.78
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	35.80	4.18
08 51 23 00-0019 Mullions (08 51 23 00-0001)				
08 51 23 00-0020	LF	Open Faced Steel Mullion.....	22.03	4.18
08 51 23 00-0021	LF	Covered Steel Mullions	35.66	4.18
08 51 23 00-0022 Removal And Reinstallation Of Metal Window And Frame (08 51 23)				
Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.				
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	14.35	
08 51 69 Metal Storm Windows (08 51)				
08 51 69 00-0001 Storm Windows (08 51 69)				
08 51 69 00-0002	SF	Double Hung, Aluminum, Combination Storm And Screen.....	29.46	2.78
08 52 Wood Windows (08 50)				
08 52 11 Wood Windows (08 52)				
08 52 11 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows (08 52 11)				
Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.				
08 52 11 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
(08 52 11 00-0001)				
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	256.70	
		For Low-E Insulated Glass, Add	20.28	
		For Aluminum Clad Exterior, Add	21.73	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	272.32	
		For Low-E Insulated Glass, Add	21.74	
		For Aluminum Clad Exterior, Add	23.29	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	288.99	
		For Low-E Insulated Glass, Add	23.34	
		For Aluminum Clad Exterior, Add	25.01	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	297.84	
		For Low-E Insulated Glass, Add	24.22	
		For Aluminum Clad Exterior, Add	25.95	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	305.65	
		For Low-E Insulated Glass, Add	24.95	
		For Aluminum Clad Exterior, Add	26.73	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	315.55	
		For Low-E Insulated Glass, Add	25.97	
		For Aluminum Clad Exterior, Add	27.82	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	320.27	
		For Low-E Insulated Glass, Add	26.26	
		For Aluminum Clad Exterior, Add	28.14	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	340.03	
		For Low-E Insulated Glass, Add	28.30	
		For Aluminum Clad Exterior, Add	30.32	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	356.69	
		For Low-E Insulated Glass, Add	29.91	
		For Aluminum Clad Exterior, Add	32.04	
08 52 11 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
(08 52 11 00-0001)				
08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	272.32	
		For Low-E Insulated Glass, Add	21.74	
		For Aluminum Clad Exterior, Add	23.29	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	288.99	
		For Low-E Insulated Glass, Add	23.34	
		For Aluminum Clad Exterior, Add	25.01	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	303.05	
		For Low-E Insulated Glass, Add	24.95	
		For Aluminum Clad Exterior, Add	26.73	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	315.55	
		For Low-E Insulated Glass, Add	25.97	
		For Aluminum Clad Exterior, Add	27.82	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	323.36	
		For Low-E Insulated Glass, Add	26.70	
		For Aluminum Clad Exterior, Add	28.60	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0018 EA 34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	332.22	
For Low-E Insulated Glass, Add	27.57	
For Aluminum Clad Exterior, Add	29.54	
08 52 11 00-0019 EA 36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	340.03	
For Low-E Insulated Glass, Add	28.30	
For Aluminum Clad Exterior, Add	30.32	
08 52 11 00-0020 EA 40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	356.69	
For Low-E Insulated Glass, Add	29.91	
For Aluminum Clad Exterior, Add	32.04	
08 52 11 00-0021 EA 44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	373.36	
For Low-E Insulated Glass, Add	31.51	
For Aluminum Clad Exterior, Add	33.76	
08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
(08 52 11 00-0001)		
08 52 11 00-0023 EA 20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	279.88	
For Low-E Insulated Glass, Add	22.61	
For Aluminum Clad Exterior, Add	24.23	
08 52 11 00-0024 EA 24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	296.54	
For Low-E Insulated Glass, Add	24.22	
For Aluminum Clad Exterior, Add	25.95	
08 52 11 00-0025 EA 28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	314.25	
For Low-E Insulated Glass, Add	25.97	
For Aluminum Clad Exterior, Add	27.82	
08 52 11 00-0026 EA 30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	322.06	
For Low-E Insulated Glass, Add	26.70	
For Aluminum Clad Exterior, Add	28.60	
08 52 11 00-0027 EA 32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	330.92	
For Low-E Insulated Glass, Add	27.57	
For Aluminum Clad Exterior, Add	29.54	
08 52 11 00-0028 EA 34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	338.73	
For Low-E Insulated Glass, Add	28.30	
For Aluminum Clad Exterior, Add	30.32	
08 52 11 00-0029 EA 36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	347.58	
For Low-E Insulated Glass, Add	29.18	
For Aluminum Clad Exterior, Add	31.26	
08 52 11 00-0030 EA 40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	363.20	
For Low-E Insulated Glass, Add	30.64	
For Aluminum Clad Exterior, Add	32.82	
08 52 11 00-0031 EA 44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	379.87	
For Low-E Insulated Glass, Add	32.24	
For Aluminum Clad Exterior, Add	34.54	
08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
(08 52 11 00-0001)		
08 52 11 00-0033 EA 20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	290.29	
For Low-E Insulated Glass, Add	23.34	
For Aluminum Clad Exterior, Add	25.01	
08 52 11 00-0034 EA 24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	306.96	
For Low-E Insulated Glass, Add	24.95	
For Aluminum Clad Exterior, Add	26.73	
08 52 11 00-0035 EA 28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	324.66	
For Low-E Insulated Glass, Add	26.70	
For Aluminum Clad Exterior, Add	28.60	
08 52 11 00-0036 EA 30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	333.52	
For Low-E Insulated Glass, Add	27.57	
For Aluminum Clad Exterior, Add	29.54	
08 52 11 00-0037 EA 32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	341.33	
For Low-E Insulated Glass, Add	28.30	
For Aluminum Clad Exterior, Add	30.32	
08 52 11 00-0038 EA 34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	350.18	
For Low-E Insulated Glass, Add	29.18	
For Aluminum Clad Exterior, Add	31.26	
08 52 11 00-0039 EA 36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	357.99	
For Low-E Insulated Glass, Add	29.91	
For Aluminum Clad Exterior, Add	32.04	
08 52 11 00-0040 EA 40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.66	
For Low-E Insulated Glass, Add	31.51	
For Aluminum Clad Exterior, Add	33.76	
08 52 11 00-0041 EA 44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	391.32	
For Low-E Insulated Glass, Add	33.12	
For Aluminum Clad Exterior, Add	35.48	
08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
(08 52 11 00-0001)		
08 52 11 00-0043 EA 20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	323.36	
For Low-E Insulated Glass, Add	26.70	
For Aluminum Clad Exterior, Add	28.60	
08 52 11 00-0044 EA 24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	340.03	
For Low-E Insulated Glass, Add	28.30	
For Aluminum Clad Exterior, Add	30.32	



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0045	EA		28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	356.69	
			For Low-E Insulated Glass, Add	29.91	
			For Aluminum Clad Exterior, Add	32.04	
08 52 11 00-0046	EA		30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	364.51	
			For Low-E Insulated Glass, Add	30.64	
			For Aluminum Clad Exterior, Add	32.82	
08 52 11 00-0047	EA		32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	373.36	
			For Low-E Insulated Glass, Add	31.51	
			For Aluminum Clad Exterior, Add	33.76	
08 52 11 00-0048	EA		34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	381.17	
			For Low-E Insulated Glass, Add	32.24	
			For Aluminum Clad Exterior, Add	34.54	
08 52 11 00-0049	EA		36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	390.02	
			For Low-E Insulated Glass, Add	33.12	
			For Aluminum Clad Exterior, Add	35.48	
08 52 11 00-0050	EA		40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	406.69	
			For Low-E Insulated Glass, Add	34.72	
			For Aluminum Clad Exterior, Add	37.20	
08 52 11 00-0051	EA		44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	424.40	
			For Low-E Insulated Glass, Add	36.47	
			For Aluminum Clad Exterior, Add	39.08	
08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
(08 52 11 00-0001)					
08 52 11 00-0053	EA		20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	330.92	
			For Low-E Insulated Glass, Add	27.57	
			For Aluminum Clad Exterior, Add	29.54	
08 52 11 00-0054	EA		24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	347.58	
			For Low-E Insulated Glass, Add	29.18	
			For Aluminum Clad Exterior, Add	31.26	
08 52 11 00-0055	EA		28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	363.20	
			For Low-E Insulated Glass, Add	30.64	
			For Aluminum Clad Exterior, Add	32.82	
08 52 11 00-0056	EA		30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	372.06	
			For Low-E Insulated Glass, Add	31.51	
			For Aluminum Clad Exterior, Add	33.76	
08 52 11 00-0057	EA		32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	379.87	
			For Low-E Insulated Glass, Add	32.24	
			For Aluminum Clad Exterior, Add	34.54	
08 52 11 00-0058	EA		34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	388.72	
			For Low-E Insulated Glass, Add	33.12	
			For Aluminum Clad Exterior, Add	35.48	
08 52 11 00-0059	EA		36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	396.53	
			For Low-E Insulated Glass, Add	33.85	
			For Aluminum Clad Exterior, Add	36.26	
08 52 11 00-0060	EA		40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	414.24	
			For Low-E Insulated Glass, Add	35.60	
			For Aluminum Clad Exterior, Add	38.14	
08 52 11 00-0061	EA		44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	430.91	
			For Low-E Insulated Glass, Add	37.20	
			For Aluminum Clad Exterior, Add	39.86	
08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
(08 52 11 00-0001)					
08 52 11 00-0063	EA		20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	341.33	
			For Low-E Insulated Glass, Add	28.30	
			For Aluminum Clad Exterior, Add	30.32	
08 52 11 00-0064	EA		24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	357.99	
			For Low-E Insulated Glass, Add	29.91	
			For Aluminum Clad Exterior, Add	32.04	
08 52 11 00-0065	EA		28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.66	
			For Low-E Insulated Glass, Add	31.51	
			For Aluminum Clad Exterior, Add	33.76	
08 52 11 00-0066	EA		30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	382.47	
			For Low-E Insulated Glass, Add	32.24	
			For Aluminum Clad Exterior, Add	34.54	
08 52 11 00-0067	EA		32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	391.32	
			For Low-E Insulated Glass, Add	33.12	
			For Aluminum Clad Exterior, Add	35.48	
08 52 11 00-0068	EA		34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	399.13	
			For Low-E Insulated Glass, Add	33.85	
			For Aluminum Clad Exterior, Add	36.26	
08 52 11 00-0069	EA		36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	407.99	
			For Low-E Insulated Glass, Add	34.72	
			For Aluminum Clad Exterior, Add	37.20	
08 52 11 00-0070	EA		40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	425.70	
			For Low-E Insulated Glass, Add	36.47	
			For Aluminum Clad Exterior, Add	39.08	
08 52 11 00-0071	EA		44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	442.36	
			For Low-E Insulated Glass, Add	38.08	
			For Aluminum Clad Exterior, Add	40.80	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0073	EA 20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	357.99
	For Low-E Insulated Glass, Add	29.91
	For Aluminum Clad Exterior, Add	32.04
08 52 11 00-0074	EA 24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	374.66
	For Low-E Insulated Glass, Add	31.51
	For Aluminum Clad Exterior, Add	33.76
08 52 11 00-0075	EA 28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	391.32
	For Low-E Insulated Glass, Add	33.12
	For Aluminum Clad Exterior, Add	35.48
08 52 11 00-0076	EA 30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	399.13
	For Low-E Insulated Glass, Add	33.85
	For Aluminum Clad Exterior, Add	36.26
08 52 11 00-0077	EA 32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	407.99
	For Low-E Insulated Glass, Add	34.72
	For Aluminum Clad Exterior, Add	37.20
08 52 11 00-0078	EA 34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	416.85
	For Low-E Insulated Glass, Add	35.60
	For Aluminum Clad Exterior, Add	38.14
08 52 11 00-0079	EA 36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	425.70
	For Low-E Insulated Glass, Add	36.47
	For Aluminum Clad Exterior, Add	39.08
08 52 11 00-0080	EA 40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	442.36
	For Low-E Insulated Glass, Add	38.08
	For Aluminum Clad Exterior, Add	40.80
08 52 11 00-0081	EA 44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	459.03
	For Low-E Insulated Glass, Add	39.68
	For Aluminum Clad Exterior, Add	42.52

08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0083	EA 20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	373.36
	For Low-E Insulated Glass, Add	31.51
	For Aluminum Clad Exterior, Add	33.76
08 52 11 00-0084	EA 24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	390.02
	For Low-E Insulated Glass, Add	33.12
	For Aluminum Clad Exterior, Add	35.48
08 52 11 00-0085	EA 28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	406.69
	For Low-E Insulated Glass, Add	34.72
	For Aluminum Clad Exterior, Add	37.20
08 52 11 00-0086	EA 30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	415.54
	For Low-E Insulated Glass, Add	35.60
	For Aluminum Clad Exterior, Add	38.14
08 52 11 00-0087	EA 32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	424.40
	For Low-E Insulated Glass, Add	36.47
	For Aluminum Clad Exterior, Add	39.08
08 52 11 00-0088	EA 34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	432.21
	For Low-E Insulated Glass, Add	37.20
	For Aluminum Clad Exterior, Add	39.86
08 52 11 00-0089	EA 36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	441.06
	For Low-E Insulated Glass, Add	38.08
	For Aluminum Clad Exterior, Add	40.80
08 52 11 00-0090	EA 40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	457.73
	For Low-E Insulated Glass, Add	39.68
	For Aluminum Clad Exterior, Add	42.52
08 52 11 00-0091	EA 44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	473.36
	For Low-E Insulated Glass, Add	41.14
	For Aluminum Clad Exterior, Add	44.08

08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0093	EA 20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	379.87
	For Low-E Insulated Glass, Add	32.24
	For Aluminum Clad Exterior, Add	34.54
08 52 11 00-0094	EA 24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	396.53
	For Low-E Insulated Glass, Add	33.85
	For Aluminum Clad Exterior, Add	36.26
08 52 11 00-0095	EA 28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	414.24
	For Low-E Insulated Glass, Add	35.60
	For Aluminum Clad Exterior, Add	38.14
08 52 11 00-0096	EA 30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	423.10
	For Low-E Insulated Glass, Add	36.47
	For Aluminum Clad Exterior, Add	39.08
08 52 11 00-0097	EA 32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	430.91
	For Low-E Insulated Glass, Add	37.20
	For Aluminum Clad Exterior, Add	39.86
08 52 11 00-0098	EA 34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	439.76
	For Low-E Insulated Glass, Add	38.08
	For Aluminum Clad Exterior, Add	40.80
08 52 11 00-0099	EA 36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	447.57
	For Low-E Insulated Glass, Add	38.81
	For Aluminum Clad Exterior, Add	41.58



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0100	EA		40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	464.24	
			For Low-E Insulated Glass, Add	40.41	
			For Aluminum Clad Exterior, Add	43.30	
08 52 11 00-0101	EA		44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	480.91	
			For Low-E Insulated Glass, Add	42.02	
			For Aluminum Clad Exterior, Add	45.02	
08 52 11 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
(08 52 11 00-0001)					
08 52 11 00-0103	EA		20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	391.32	
			For Low-E Insulated Glass, Add	33.12	
			For Aluminum Clad Exterior, Add	35.48	
08 52 11 00-0104	EA		24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	407.99	
			For Low-E Insulated Glass, Add	34.72	
			For Aluminum Clad Exterior, Add	37.20	
08 52 11 00-0105	EA		28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	425.70	
			For Low-E Insulated Glass, Add	36.47	
			For Aluminum Clad Exterior, Add	39.08	
08 52 11 00-0106	EA		30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	433.51	
			For Low-E Insulated Glass, Add	37.20	
			For Aluminum Clad Exterior, Add	39.86	
08 52 11 00-0107	EA		32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	442.36	
			For Low-E Insulated Glass, Add	38.08	
			For Aluminum Clad Exterior, Add	40.80	
08 52 11 00-0108	EA		34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	450.17	
			For Low-E Insulated Glass, Add	38.81	
			For Aluminum Clad Exterior, Add	41.58	
08 52 11 00-0109	EA		36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	459.03	
			For Low-E Insulated Glass, Add	39.68	
			For Aluminum Clad Exterior, Add	42.52	
08 52 11 00-0110	EA		40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	474.66	
			For Low-E Insulated Glass, Add	41.14	
			For Aluminum Clad Exterior, Add	44.08	
08 52 11 00-0111	EA		44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	491.31	
			For Low-E Insulated Glass, Add	42.74	
			For Aluminum Clad Exterior, Add	45.80	
08 52 11 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
(08 52 11 00-0001)					
08 52 11 00-0113	EA		20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	407.99	
			For Low-E Insulated Glass, Add	34.72	
			For Aluminum Clad Exterior, Add	37.20	
08 52 11 00-0114	EA		24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	425.70	
			For Low-E Insulated Glass, Add	36.47	
			For Aluminum Clad Exterior, Add	39.08	
08 52 11 00-0115	EA		28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	442.36	
			For Low-E Insulated Glass, Add	38.08	
			For Aluminum Clad Exterior, Add	40.80	
08 52 11 00-0116	EA		30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	450.17	
			For Low-E Insulated Glass, Add	38.81	
			For Aluminum Clad Exterior, Add	41.58	
08 52 11 00-0117	EA		32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	459.03	
			For Low-E Insulated Glass, Add	39.68	
			For Aluminum Clad Exterior, Add	42.52	
08 52 11 00-0118	EA		34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	466.84	
			For Low-E Insulated Glass, Add	40.41	
			For Aluminum Clad Exterior, Add	43.30	
08 52 11 00-0119	EA		36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	474.66	
			For Low-E Insulated Glass, Add	41.14	
			For Aluminum Clad Exterior, Add	44.08	
08 52 11 00-0120	EA		40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	491.31	
			For Low-E Insulated Glass, Add	42.74	
			For Aluminum Clad Exterior, Add	45.80	
08 52 11 00-0121	EA		44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	507.97	
			For Low-E Insulated Glass, Add	44.35	
			For Aluminum Clad Exterior, Add	47.52	
08 52 11 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows					
(08 52 11 00-0001)					
08 52 11 00-0123	EA		20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	424.40	
			For Low-E Insulated Glass, Add	36.47	
			For Aluminum Clad Exterior, Add	39.08	
08 52 11 00-0124	EA		24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	441.06	
			For Low-E Insulated Glass, Add	38.08	
			For Aluminum Clad Exterior, Add	40.80	
08 52 11 00-0125	EA		28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	457.73	
			For Low-E Insulated Glass, Add	39.68	
			For Aluminum Clad Exterior, Add	42.52	
08 52 11 00-0126	EA		30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	465.54	
			For Low-E Insulated Glass, Add	40.41	
			For Aluminum Clad Exterior, Add	43.30	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0127 EA 32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	473.36	
For Low-E Insulated Glass, Add	41.14	
For Aluminum Clad Exterior, Add	44.08	
08 52 11 00-0128 EA 34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	485.30	
For Low-E Insulated Glass, Add	42.45	
For Aluminum Clad Exterior, Add	45.48	
08 52 11 00-0129 EA 36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	491.10	
For Low-E Insulated Glass, Add	42.90	
For Aluminum Clad Exterior, Add	45.96	
08 52 11 00-0130 EA 40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	506.67	
For Low-E Insulated Glass, Add	44.35	
For Aluminum Clad Exterior, Add	47.52	
08 52 11 00-0131 EA 44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	524.37	
For Low-E Insulated Glass, Add	46.10	
For Aluminum Clad Exterior, Add	49.39	
08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
(08 52 11 00-0001)		
08 52 11 00-0133 EA 20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	442.36	
For Low-E Insulated Glass, Add	38.08	
For Aluminum Clad Exterior, Add	40.80	
08 52 11 00-0134 EA 24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	459.03	
For Low-E Insulated Glass, Add	39.68	
For Aluminum Clad Exterior, Add	42.52	
08 52 11 00-0135 EA 28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	474.66	
For Low-E Insulated Glass, Add	41.14	
For Aluminum Clad Exterior, Add	44.08	
08 52 11 00-0136 EA 30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	483.51	
For Low-E Insulated Glass, Add	42.02	
For Aluminum Clad Exterior, Add	45.02	
08 52 11 00-0137 EA 32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	491.31	
For Low-E Insulated Glass, Add	42.74	
For Aluminum Clad Exterior, Add	45.80	
08 52 11 00-0138 EA 34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	500.16	
For Low-E Insulated Glass, Add	43.62	
For Aluminum Clad Exterior, Add	46.74	
08 52 11 00-0139 EA 36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	507.97	
For Low-E Insulated Glass, Add	44.35	
For Aluminum Clad Exterior, Add	47.52	
08 52 11 00-0140 EA 40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	525.68	
For Low-E Insulated Glass, Add	46.10	
For Aluminum Clad Exterior, Add	49.39	
08 52 11 00-0141 EA 44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	542.35	
For Low-E Insulated Glass, Add	47.71	
For Aluminum Clad Exterior, Add	51.11	
08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
(08 52 11 00-0001)		
08 52 11 00-0143 EA 20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	464.24	
For Low-E Insulated Glass, Add	39.68	
For Aluminum Clad Exterior, Add	42.52	
08 52 11 00-0144 EA 24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	479.85	
For Low-E Insulated Glass, Add	41.14	
For Aluminum Clad Exterior, Add	44.08	
08 52 11 00-0145 EA 28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	496.51	
For Low-E Insulated Glass, Add	42.74	
For Aluminum Clad Exterior, Add	45.80	
08 52 11 00-0146 EA 30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	505.36	
For Low-E Insulated Glass, Add	43.62	
For Aluminum Clad Exterior, Add	46.74	
08 52 11 00-0147 EA 32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	513.18	
For Low-E Insulated Glass, Add	44.35	
For Aluminum Clad Exterior, Add	47.52	
08 52 11 00-0148 EA 34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	522.03	
For Low-E Insulated Glass, Add	45.22	
For Aluminum Clad Exterior, Add	48.45	
08 52 11 00-0149 EA 36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	530.88	
For Low-E Insulated Glass, Add	46.10	
For Aluminum Clad Exterior, Add	49.39	
08 52 11 00-0150 EA 40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	547.55	
For Low-E Insulated Glass, Add	47.71	
For Aluminum Clad Exterior, Add	51.11	
08 52 11 00-0151 EA 44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	564.21	
For Low-E Insulated Glass, Add	49.31	
For Aluminum Clad Exterior, Add	52.83	
08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows		
(08 52 11)		
Note: With true divided lites. Performance grade DP 40 in NWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0153 SF Up To 21 SF Double Hung Wood Window With True Divided Lite.....	87.30	11.62
For Insulating Glass, Add	5.45	



Openings			08
Windows			08 50
Wood Windows			08 52

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	83.17 4.88	12.92
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	79.52 4.29	14.49
08 52 11 00-0156		Architectural And Historic Reproduction Wood Windows (08 52 11) Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	94.05 6.02	11.61
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	86.82 5.19	12.91
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	81.65 4.47	14.48
08 52 11 00-0160		Removal And Reinstallation Of Wood Window And Frame (08 52 11) Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	28.81	
08 52 16		Plastic-Clad Wood Windows (08 52)		
08 52 16 00-0001		Double Hung Wood Clad Windows (08 52 16) Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
08 52 16 00-0002		Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0001) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003		35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	330.45 29.40 49.00	42.73
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	350.06 31.30 52.17	44.59
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	368.34 33.05 55.09	46.45
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	386.62 34.80 58.00	48.31
08 52 16 00-0008		41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	358.53 32.10 53.50	45.53
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	378.14 34.01 56.68	47.38
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	396.42 35.75 59.59	49.24
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	414.71 37.50 62.50	51.09
08 52 16 00-0013		47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	386.62 34.80 58.00	48.31
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	404.91 36.55 60.91	50.17
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	424.51 38.46 64.09	52.03
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	442.79 40.20 67.00	53.89
08 52 16 00-0018		53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	414.71 37.50 62.50	51.09
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	432.99 39.25 65.42	52.96
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	451.27 41.00 68.33	54.81
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	470.88 42.90 71.51	56.67
08 52 16 00-0023		56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	409.81 37.02 61.71	51.09
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	428.08 38.77 64.62	52.49
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	447.70 40.68 67.80	54.81
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	465.97 42.43 70.71	56.67
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	484.26 44.18 73.63	58.53
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	502.53 45.92 76.54	60.39
08 52 16 00-0030		59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	424.51 38.46 64.09	52.03
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	442.79 40.20 67.00	53.89
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	461.07 41.95 69.92	55.74
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	479.36 43.70 72.83	57.60
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	497.63 45.45 75.74	59.46
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	517.24 47.35 78.92	61.32
08 52 16 00-0037		65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	470.88 42.90 71.51	56.67
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	489.16 44.65 74.42	58.53
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	507.45 46.40 77.33	60.39
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	525.72 48.15 80.25	62.25
08 52 16 00-0042		71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	497.63 45.45 75.74	59.46
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	517.24 47.35 78.92	61.32



		Openings	08
		Windows	08 50
		Wood Windows	08 52

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0045	EA		31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	535.53	63.17
			For Low-E Insulated Glass, Add	49.10	
			For Tempered Clear Insulated Glass, Add	81.84	
08 52 16 00-0046	EA		35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	553.81	65.03
			For Low-E Insulated Glass, Add	50.85	
			For Tempered Clear Insulated Glass, Add	84.75	
08 52 16 00-0047			Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0001)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048			36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0049	EA		21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	408.97	42.73
			For Tempered Low-E Insulated Glass, Add	64.89	
08 52 16 00-0050	EA		25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	433.88	44.13
			For Tempered Low-E Insulated Glass, Add	69.12	
08 52 16 00-0051	EA		29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	460.10	45.99
			For Tempered Low-E Insulated Glass, Add	73.63	
08 52 16 00-0052	EA		31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	473.89	47.38
			For Tempered Low-E Insulated Glass, Add	76.01	
08 52 16 00-0053	EA		33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.33	48.31
			For Tempered Low-E Insulated Glass, Add	78.13	
08 52 16 00-0054	EA		35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	498.78	49.24
			For Tempered Low-E Insulated Glass, Add	80.25	
08 52 16 00-0055	EA		37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.55	49.70
			For Tempered Low-E Insulated Glass, Add	82.63	
08 52 16 00-0056	EA		41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	537.46	51.57
			For Tempered Low-E Insulated Glass, Add	86.87	
08 52 16 00-0057	EA		45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.42
			For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0058			40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0059	EA		21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	433.88	44.59
			For Tempered Low-E Insulated Glass, Add	69.12	
08 52 16 00-0060	EA		25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	460.10	45.99
			For Tempered Low-E Insulated Glass, Add	73.63	
08 52 16 00-0061	EA		29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.33	47.85
			For Tempered Low-E Insulated Glass, Add	78.13	
08 52 16 00-0062	EA		31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	498.78	49.24
			For Tempered Low-E Insulated Glass, Add	80.25	
08 52 16 00-0063	EA		33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.55	50.17
			For Tempered Low-E Insulated Glass, Add	82.63	
08 52 16 00-0064	EA		35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	525.01	51.09
			For Tempered Low-E Insulated Glass, Add	84.75	
08 52 16 00-0065	EA		37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	537.46	51.57
			For Tempered Low-E Insulated Glass, Add	86.87	
08 52 16 00-0066	EA		41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.42
			For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0067	EA		45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.91	55.28
			For Tempered Low-E Insulated Glass, Add	95.87	
08 52 16 00-0068			44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0069	EA		21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	460.10	46.45
			For Tempered Low-E Insulated Glass, Add	73.63	
08 52 16 00-0070	EA		25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.33	47.85
			For Tempered Low-E Insulated Glass, Add	78.13	
08 52 16 00-0071	EA		29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.55	49.70
			For Tempered Low-E Insulated Glass, Add	82.63	
08 52 16 00-0072	EA		31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	525.01	51.09
			For Tempered Low-E Insulated Glass, Add	84.75	
08 52 16 00-0073	EA		33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	537.46	52.03
			For Tempered Low-E Insulated Glass, Add	86.87	
08 52 16 00-0074	EA		35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	551.24	52.96
			For Tempered Low-E Insulated Glass, Add	89.25	
08 52 16 00-0075	EA		37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.42
			For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0076	EA		41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.91	55.28
			For Tempered Low-E Insulated Glass, Add	95.87	
08 52 16 00-0077	EA		45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	616.15	57.13
			For Tempered Low-E Insulated Glass, Add	100.37	
08 52 16 00-0078			48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0079	EA		21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.33	48.31
			For Tempered Low-E Insulated Glass, Add	78.13	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.55	49.70
		For Tempered Low-E Insulated Glass, Add	82.63	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	537.46	51.57
		For Tempered Low-E Insulated Glass, Add	86.87	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	551.24	52.96
		For Tempered Low-E Insulated Glass, Add	89.25	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.89
		For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	576.14	54.81
		For Tempered Low-E Insulated Glass, Add	93.49	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.91	55.28
		For Tempered Low-E Insulated Glass, Add	95.87	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	616.15	57.13
		For Tempered Low-E Insulated Glass, Add	100.37	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	641.05	59.00
		For Tempered Low-E Insulated Glass, Add	104.61	
08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.55	50.17
		For Tempered Low-E Insulated Glass, Add	82.63	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	537.46	51.57
		For Tempered Low-E Insulated Glass, Add	86.87	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.42
		For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	576.14	54.81
		For Tempered Low-E Insulated Glass, Add	93.49	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.91	55.74
		For Tempered Low-E Insulated Glass, Add	95.87	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	602.36	56.67
		For Tempered Low-E Insulated Glass, Add	97.99	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	616.15	57.13
		For Tempered Low-E Insulated Glass, Add	100.37	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	641.05	59.00
		For Tempered Low-E Insulated Glass, Add	104.61	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	667.28	60.85
		For Tempered Low-E Insulated Glass, Add	109.11	
08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	537.46	52.03
		For Tempered Low-E Insulated Glass, Add	86.87	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.42
		For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.91	55.28
		For Tempered Low-E Insulated Glass, Add	95.87	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	602.36	56.67
		For Tempered Low-E Insulated Glass, Add	97.99	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	616.15	57.60
		For Tempered Low-E Insulated Glass, Add	100.37	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	628.60	58.53
		For Tempered Low-E Insulated Glass, Add	102.49	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	641.05	59.00
		For Tempered Low-E Insulated Glass, Add	104.61	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	667.28	60.85
		For Tempered Low-E Insulated Glass, Add	109.11	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	693.50	62.71
		For Tempered Low-E Insulated Glass, Add	113.62	
08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	563.69	53.89
		For Tempered Low-E Insulated Glass, Add	91.37	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.91	55.28
		For Tempered Low-E Insulated Glass, Add	95.87	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	616.15	57.13
		For Tempered Low-E Insulated Glass, Add	100.37	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	628.60	58.53
		For Tempered Low-E Insulated Glass, Add	102.49	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	641.05	59.46
		For Tempered Low-E Insulated Glass, Add	104.61	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	654.82	60.39
		For Tempered Low-E Insulated Glass, Add	107.00	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	667.28	60.85
		For Tempered Low-E Insulated Glass, Add	109.11	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	693.50	62.71
		For Tempered Low-E Insulated Glass, Add	113.62	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	718.41	64.56
		For Tempered Low-E Insulated Glass, Add	117.85	



Openings		08	08
Windows		08 50	
Wood Windows		08 52	

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0119	EA 21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	589.91 95.87	55.74
08 52 16 00-0120	EA 25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	616.15 100.37	57.13
08 52 16 00-0121	EA 29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	641.05 104.61	59.00
08 52 16 00-0122	EA 31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	654.82 107.00	60.39
08 52 16 00-0123	EA 33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	667.28 109.11	61.32
08 52 16 00-0124	EA 35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	679.72 111.23	62.25
08 52 16 00-0125	EA 37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	693.50 113.62	62.71
08 52 16 00-0126	EA 41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	718.41 117.85	64.56
08 52 16 00-0127	EA 45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	744.63 122.36	66.43
08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0129	EA 21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	616.15 100.37	57.60
08 52 16 00-0130	EA 25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	641.05 104.61	59.00
08 52 16 00-0131	EA 29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	667.28 109.11	60.85
08 52 16 00-0132	EA 31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	679.72 111.23	62.25
08 52 16 00-0133	EA 33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	693.50 113.62	63.17
08 52 16 00-0134	EA 35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	705.96 115.74	64.10
08 52 16 00-0135	EA 37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	718.41 117.85	64.56
08 52 16 00-0136	EA 41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	744.63 122.36	66.43
08 52 16 00-0137	EA 45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	770.86 126.86	68.29
08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0139	EA 21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	641.05 104.61	59.46
08 52 16 00-0140	EA 25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	667.28 109.11	60.85
08 52 16 00-0141	EA 29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	693.50 113.62	62.71
08 52 16 00-0142	EA 31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	705.96 115.74	64.10
08 52 16 00-0143	EA 33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	718.41 117.85	65.03
08 52 16 00-0144	EA 35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	732.18 120.24	65.97
08 52 16 00-0145	EA 37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	744.63 122.36	66.43
08 52 16 00-0146	EA 41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	770.86 126.86	68.29
08 52 16 00-0147	EA 45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	797.08 131.36	70.14
08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)			
08 52 16 00-0149	EA 21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	667.28 109.11	61.32
08 52 16 00-0150	EA 25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	693.50 113.62	62.71
08 52 16 00-0151	EA 29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	718.41 117.85	64.56
08 52 16 00-0152	EA 31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	732.18 120.24	65.97
08 52 16 00-0153	EA 33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	744.63 122.36	66.89
08 52 16 00-0154	EA 35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	758.41 124.74	67.82

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	770.86 126.86	68.29
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	797.08 131.36	70.14
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	821.99 135.60	72.00
08 52 16 00-0158		84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,033.57 180.89	65.03
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,070.38 187.51	66.43
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,107.21 194.13	68.29
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,124.96 197.31	69.68
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,144.02 200.75	70.60
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,161.78 203.93	71.53
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,179.52 207.10	72.00
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,216.35 213.73	73.86
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,253.16 220.35	75.72
08 52 16 00-0168		88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,070.38 187.51	66.89
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,107.21 194.13	68.29
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,144.02 200.75	70.14
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,161.78 203.93	71.53
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,179.52 207.10	72.47
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,198.60 210.55	73.40
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,216.35 213.73	73.86
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,253.16 220.35	75.72
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,289.99 226.97	77.57
08 52 16 00-0178		Casement Wood Clad Windows (08 52 16) Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.		
08 52 16 00-0179		Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0178) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180		One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)		
08 52 16 00-0181		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)		
08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	317.76 49.62	35.30
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	335.94 52.69	36.23
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	356.32 56.03	38.10
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	375.16 59.05	39.95
08 52 16 00-0186		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)		
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	340.72 53.46	37.16
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	358.89 56.54	38.10
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	379.28 59.88	39.95



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST		
08 52 16 00-0190	EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	389.58		41.81	
	For Tempered Clear Insulated Glass, Add	61.19			
08 52 16 00-0191	EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	413.05		43.66	
	For Tempered Clear Insulated Glass, Add	65.33			
08 52 16 00-0192	35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0193	EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	381.85		39.95	
	For Tempered Clear Insulated Glass, Add	60.39			
08 52 16 00-0194	EA 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	401.30		41.81	
	For Tempered Clear Insulated Glass, Add	63.72			
08 52 16 00-0195	EA 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	421.70		43.20	
	For Tempered Clear Insulated Glass, Add	67.06			
08 52 16 00-0196	EA 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	453.63		45.06	
	For Tempered Clear Insulated Glass, Add	72.70			
08 52 16 00-0197	EA 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	483.95		46.45	
	For Tempered Clear Insulated Glass, Add	78.21			
08 52 16 00-0198	EA 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	513.42		47.38	
	For Tempered Clear Insulated Glass, Add	83.73			
08 52 16 00-0199	40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0200	EA 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	409.57		42.73	
	For Tempered Clear Insulated Glass, Add	65.01			
08 52 16 00-0201	EA 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	427.75		43.66	
	For Tempered Clear Insulated Glass, Add	68.08			
08 52 16 00-0202	EA 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	448.14		45.53	
	For Tempered Clear Insulated Glass, Add	71.42			
08 52 16 00-0203	EA 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	494.18		47.38	
	For Tempered Clear Insulated Glass, Add	79.88			
08 52 16 00-0204	EA 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	525.94		49.24	
	For Tempered Clear Insulated Glass, Add	85.68			
08 52 16 00-0205	EA 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	555.84		51.09	
	For Tempered Clear Insulated Glass, Add	90.91			
08 52 16 00-0206	48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0207	EA 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	449.07		46.45	
	For Tempered Clear Insulated Glass, Add	71.42			
08 52 16 00-0208	EA 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	468.53		47.38	
	For Tempered Clear Insulated Glass, Add	74.75			
08 52 16 00-0209	EA 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	488.92		49.24	
	For Tempered Clear Insulated Glass, Add	78.09			
08 52 16 00-0210	EA 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	552.28		51.09	
	For Tempered Clear Insulated Glass, Add	90.02			
08 52 16 00-0211	EA 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	577.20		52.96	
	For Tempered Clear Insulated Glass, Add	94.44			
08 52 16 00-0212	EA 35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	614.58		54.81	
	For Tempered Clear Insulated Glass, Add	101.18			
08 52 16 00-0213	52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0214	EA 17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	475.87		48.31	
	For Tempered Clear Insulated Glass, Add	76.04			
08 52 16 00-0215	EA 20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	494.05		49.24	
	For Tempered Clear Insulated Glass, Add	79.11			
08 52 16 00-0216	EA 24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	514.45		51.09	
	For Tempered Clear Insulated Glass, Add	82.45			
08 52 16 00-0217	EA 28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	592.55		52.96	
	For Tempered Clear Insulated Glass, Add	97.33			
08 52 16 00-0218	EA 31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	629.63		54.81	
	For Tempered Clear Insulated Glass, Add	104.19			
08 52 16 00-0219	EA 35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	654.20		56.67	
	For Tempered Clear Insulated Glass, Add	108.36			
08 52 16 00-0220	59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0221	EA 17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series).....	514.45		51.09	
	For Tempered Clear Insulated Glass, Add	82.45			
08 52 16 00-0222	EA 20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	533.90		52.96	
	For Tempered Clear Insulated Glass, Add	85.78			
08 52 16 00-0223	EA 24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	554.30		54.35	
	For Tempered Clear Insulated Glass, Add	89.12			
08 52 16 00-0224	EA 28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	650.35		56.21	
	For Tempered Clear Insulated Glass, Add	107.59			

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	676.71 112.30	57.60
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	712.00 118.62	59.46
08 52 16 00-0227 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	542.17 87.07	53.89
08 52 16 00-0229	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	560.36 90.15	54.81
08 52 16 00-0230	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	580.75 93.48	56.67
08 52 16 00-0231	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	690.91 114.77	58.53
08 52 16 00-0232	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	715.45 119.12	60.39
08 52 16 00-0233	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	752.56 125.80	62.25
08 52 16 00-0234 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)				
08 52 16 00-0235	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	580.75 93.48	56.67
08 52 16 00-0236	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	600.20 96.81	58.53
08 52 16 00-0237	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	620.59 100.15	59.93
08 52 16 00-0238	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	748.72 125.03	61.78
08 52 16 00-0239	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	778.78 130.49	63.17
08 52 16 00-0240	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	810.38 136.06	65.03
08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)				
08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0243	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	566.06 95.00	45.53
08 52 16 00-0244	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	642.95 108.89	49.24
08 52 16 00-0245	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	731.92 125.20	52.96
08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	610.48 103.14	47.38
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	687.37 117.03	51.09
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	776.34 133.34	54.81
08 52 16 00-0250 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	605.03 102.05	47.38
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	683.36 116.42	51.09
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	765.18 131.30	54.81
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	859.82 148.74	58.06
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	923.28 160.31	60.85
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,028.96 179.78	65.03
08 52 16 00-0257 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	659.69 112.06	49.70



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	738.02 126.42	52.96
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	819.85 141.30	56.67
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	914.49 158.74	60.39
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	984.75 171.68	63.17
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,279.85 229.03	67.36
08 52 16 00-0264 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	740.23 126.68	53.42
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	819.85 141.30	56.67
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	901.67 156.18	60.39
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	996.31 173.62	64.10
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,063.61 185.97	66.89
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,165.45 204.66	71.07
08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	793.96 136.68	55.28
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	872.30 151.05	58.53
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	944.60 164.02	62.25
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,048.76 183.37	65.97
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,119.28 196.36	68.75
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,219.18 214.66	72.93
08 52 16 00-0278 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	873.58 151.30	58.53
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	951.90 165.67	62.25
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,033.72 180.55	65.97
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,128.38 197.99	69.21
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,198.89 210.98	72.00
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,297.50 229.03	76.18
08 52 16 00-0285 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	928.25 161.31	60.85
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,006.57 175.67	64.10
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,089.68 190.81	67.82
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,184.32 208.25	71.53
08 52 16 00-0290 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)				
08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,007.86 175.93	64.10
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,086.18 190.29	67.82
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,168.01 205.17	71.53

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,262.66 222.62		74.79
08 52 16 00-0295		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)			
08 52 16 00-0296		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	895.71 155.17		59.93
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,041.31 181.88		65.97
08 52 16 00-0299		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	950.23 165.33		61.78
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,086.32 190.14		67.82
08 52 16 00-0302		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	914.75 158.79		60.39
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,031.52 180.29		65.03
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,175.71 206.71		71.53
08 52 16 00-0306		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	966.80 168.28		63.17
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,087.46 190.55		67.36
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,230.36 216.72		73.40
08 52 16 00-0310		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,168.01 205.17		71.07
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,310.90 231.34		77.11
08 52 16 00-0313		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,221.74 215.18		72.93
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,364.64 241.34		78.97
08 52 16 00-0316		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)			
08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,300.06 229.54		76.18
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,444.25 255.96		82.68



Openings		08	08
Windows		08 50	
Wood Windows		08 52	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0319		Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0178) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)		
08 52 16 00-0321		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	377.40 61.54	35.30
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	399.43 65.39	36.23
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	423.98 69.56	38.10
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	446.59 73.34	39.95
08 52 16 00-0326		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	405.17 66.35	37.16
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	427.19 70.20	38.10
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	451.75 74.37	39.95
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	463.70 76.02	41.81
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	492.33 81.18	43.66
08 52 16 00-0332		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	454.95 75.01	39.95
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	478.58 79.18	41.81
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	503.15 83.35	43.20
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	542.13 90.40	45.06
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	579.34 97.29	46.45
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	615.71 104.19	47.38
08 52 16 00-0339		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	488.45 80.78	42.73
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	510.48 84.63	43.66
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	535.03 88.80	45.53
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	591.66 99.38	47.38
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	630.65 106.62	49.24
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	667.11 113.17	51.09
08 52 16 00-0346		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	535.96 88.80	46.45
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	559.59 92.97	47.38
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	584.16 97.14	49.24
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	662.42 112.04	51.09
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	692.88 117.58	52.96
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	738.67 125.99	54.81

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0320)

08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	568.54	48.31
		For Tempered Low-E Insulated Glass, Add	94.57	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	590.57	49.24
		For Tempered Low-E Insulated Glass, Add	98.42	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	615.13	51.09
		For Tempered Low-E Insulated Glass, Add	102.59	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	711.83	52.96
		For Tempered Low-E Insulated Glass, Add	121.18	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	757.48	54.81
		For Tempered Low-E Insulated Glass, Add	129.76	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	787.27	56.67
		For Tempered Low-E Insulated Glass, Add	134.97	

08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0320)

08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	615.13	51.09
		For Tempered Low-E Insulated Glass, Add	102.59	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	638.75	52.96
		For Tempered Low-E Insulated Glass, Add	106.75	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	663.31	54.35
		For Tempered Low-E Insulated Glass, Add	110.92	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	782.46	56.21
		For Tempered Low-E Insulated Glass, Add	134.01	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	814.71	57.60
		For Tempered Low-E Insulated Glass, Add	139.90	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	857.89	59.46
		For Tempered Low-E Insulated Glass, Add	147.80	

08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0320)

08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	648.63	53.89
		For Tempered Low-E Insulated Glass, Add	108.36	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	670.66	54.81
		For Tempered Low-E Insulated Glass, Add	112.21	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	695.22	56.67
		For Tempered Low-E Insulated Glass, Add	116.37	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	832.00	58.53
		For Tempered Low-E Insulated Glass, Add	142.99	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	861.97	60.39
		For Tempered Low-E Insulated Glass, Add	148.43	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	907.43	62.25
		For Tempered Low-E Insulated Glass, Add	156.77	

08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0320)

08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	695.22	56.67
		For Tempered Low-E Insulated Glass, Add	116.37	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	718.84	58.53
		For Tempered Low-E Insulated Glass, Add	120.54	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	743.39	59.93
		For Tempered Low-E Insulated Glass, Add	124.71	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	902.62	61.78
		For Tempered Low-E Insulated Glass, Add	155.81	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	939.51	63.17
		For Tempered Low-E Insulated Glass, Add	162.63	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	978.07	65.03
		For Tempered Low-E Insulated Glass, Add	169.60	

08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0319)

08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0381)

08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	680.05	45.53
		For Tempered Low-E Insulated Glass, Add	117.80	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	774.31	49.24
		For Tempered Low-E Insulated Glass, Add	135.17	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	883.66	52.96
		For Tempered Low-E Insulated Glass, Add	155.55	

08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)

(08 52 16 00-0381)



		Openings	08
		Windows	08 50
		Wood Windows	08 52

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	734.65 127.98	47.38
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	828.91 145.34	51.09
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	938.25 165.72	54.81
08 52 16 00-0390 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	727.83 126.61	47.38
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	824.12 144.57	51.09
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	924.54 163.17	54.81
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,040.99 184.97	58.06
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,118.92 199.44	60.85
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,248.92 223.77	65.03
08 52 16 00-0397 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	795.00 139.12	49.70
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	891.29 157.08	52.96
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	991.71 175.67	56.67
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,108.16 197.48	60.39
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,194.58 213.65	63.17
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,561.37 285.33	67.36
08 52 16 00-0404 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	893.82 157.40	53.42
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	991.71 175.67	56.67
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,092.13 194.27	60.39
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,208.58 216.07	64.10
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,291.31 231.51	66.89
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,416.51 254.87	71.07
08 52 16 00-0411 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	960.06 169.90	55.28
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,056.35 187.86	58.53
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,147.24 204.55	62.25
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,273.21 228.26	65.97
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,359.97 244.49	68.75
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,482.74 267.38	72.93
08 52 16 00-0418 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)				
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,057.95 188.18	58.53
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,154.23 206.13	62.25
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,254.65 224.73	65.97

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0422 EA 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,371.11	69.21
For Tempered Low-E Insulated Glass, Add	246.54	
08 52 16 00-0423 EA 62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,457.85	72.00
For Tempered Low-E Insulated Glass, Add	262.77	
08 52 16 00-0424 EA 71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,579.02	76.18
For Tempered Low-E Insulated Glass, Add	285.33	
08 52 16 00-0425 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)		
08 52 16 00-0426 EA 33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,125.13	60.85
For Tempered Low-E Insulated Glass, Add	200.68	
08 52 16 00-0427 EA 40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,221.41	64.10
For Tempered Low-E Insulated Glass, Add	218.64	
08 52 16 00-0428 EA 48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,328.43	67.82
For Tempered Low-E Insulated Glass, Add	237.56	
08 52 16 00-0429 EA 56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,439.87	71.53
For Tempered Low-E Insulated Glass, Add	259.36	
08 52 16 00-0430 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)		
08 52 16 00-0431 EA 33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,223.01	64.10
For Tempered Low-E Insulated Glass, Add	218.96	
08 52 16 00-0432 EA 40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,319.29	67.82
For Tempered Low-E Insulated Glass, Add	236.92	
08 52 16 00-0433 EA 48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,419.72	71.53
For Tempered Low-E Insulated Glass, Add	255.51	
08 52 16 00-0434 EA 56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,536.16	74.79
For Tempered Low-E Insulated Glass, Add	277.32	
08 52 16 00-0435 One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)		
08 52 16 00-0436 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0437 EA 71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,087.29	59.93
For Tempered Low-E Insulated Glass, Add	193.49	
08 52 16 00-0438 EA 84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,263.90	65.97
For Tempered Low-E Insulated Glass, Add	226.40	
08 52 16 00-0439 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0440 EA 71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,152.14	61.78
For Tempered Low-E Insulated Glass, Add	205.72	
08 52 16 00-0441 EA 84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,319.22	67.82
For Tempered Low-E Insulated Glass, Add	236.72	
08 52 16 00-0442 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0443 EA 61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,108.49	60.39
For Tempered Low-E Insulated Glass, Add	197.54	
08 52 16 00-0444 EA 71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,252.12	65.03
For Tempered Low-E Insulated Glass, Add	224.41	
08 52 16 00-0445 EA 84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,429.33	71.53
For Tempered Low-E Insulated Glass, Add	257.44	
08 52 16 00-0446 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0447 EA 61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,172.39	63.17
For Tempered Low-E Insulated Glass, Add	209.39	
08 52 16 00-0448 EA 71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,320.89	67.36
For Tempered Low-E Insulated Glass, Add	237.24	
08 52 16 00-0449 EA 84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,496.49	73.40
For Tempered Low-E Insulated Glass, Add	269.94	



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,419.72 255.51	71.07
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,595.31 288.22	77.11
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,485.95 268.02	72.93
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,661.56 300.72	78.97
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,582.23 285.97	76.18
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,759.44 319.00	82.68
08 52 16 00-0459		Awning Wood Clad Windows (08 52 16)		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0459) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0460)		
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	344.09 53.58	38.10
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	368.33 57.69	39.95
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	388.16 61.10	41.34
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	413.32 65.38	43.20
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	442.32 70.26	45.53
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	486.95 77.69	49.24
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	515.04 82.57	51.09
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	556.17 89.49	54.81
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	571.80 91.69	56.67
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	612.48 98.53	59.93
08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	362.91 56.79	39.95
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	389.07 61.28	41.81
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	406.18 64.14	42.73
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	434.06 68.97	44.59
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	463.08 73.85	47.38
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	506.42 81.03	50.63
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	534.50 85.90	52.96
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	576.91 93.09	55.74
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	591.04 94.98	58.53

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0483 EA 71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	633.00 102.07	61.32
08 52 16 00-0484 EA 84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	970.80 167.22	67.82
08 52 16 00-0485 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0486 EA 24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	386.50 60.76	41.81
08 52 16 00-0487 EA 28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	410.76 64.87	43.66
08 52 16 00-0488 EA 31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	427.30 67.62	44.59
08 52 16 00-0489 EA 35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	456.73 72.56	46.45
08 52 16 00-0490 EA 40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	484.74 77.44	49.24
08 52 16 00-0491 EA 48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	529.37 84.88	52.49
08 52 16 00-0492 EA 52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	557.45 89.75	54.81
08 52 16 00-0493 EA 59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	599.87 96.93	57.60
08 52 16 00-0494 EA 64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	612.48 98.53	60.39
08 52 16 00-0495 EA 71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	653.13 105.36	63.17
08 52 16 00-0496 EA 84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,021.30 176.57	69.68
08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0498 EA 24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	386.39 60.00	43.66
08 52 16 00-0499 EA 28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	423.44 66.66	45.53
08 52 16 00-0500 EA 31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	447.34 70.89	46.45
08 52 16 00-0501 EA 35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	491.51 78.98	48.31
08 52 16 00-0502 EA 40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	535.92 86.93	51.09
08 52 16 00-0503 EA 48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	601.06 98.47	54.35
08 52 16 00-0504 EA 52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	643.25 106.17	56.67
08 52 16 00-0505 EA 59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	707.47 117.71	59.46
08 52 16 00-0506 EA 64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	731.44 121.58	62.25
08 52 16 00-0507 EA 71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	793.66 132.72	65.03
08 52 16 00-0508 EA 84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,049.04 181.38	71.53
08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0510 EA 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	447.34 70.89	46.45
08 52 16 00-0511 EA 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	472.96 75.45	47.85
08 52 16 00-0512 EA 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	508.22 81.76	49.70
08 52 16 00-0513 EA 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	547.67 88.72	52.03
08 52 16 00-0514 EA 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	605.14 98.73	55.74
08 52 16 00-0515 EA 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	644.76 105.91	57.60
08 52 16 00-0516 EA 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	701.30 115.92	61.32
08 52 16 00-0517 EA 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	740.75 122.88	63.17
08 52 16 00-0518 EA 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	798.38 133.11	66.43
08 52 16 00-0519 EA 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,117.97 194.61	72.47



		Openings	08
		Windows	08 50
		Wood Windows	08 52

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0520			35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0521	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	508.22	49.70
			For Tempered Clear Insulated Glass, Add	81.76	
08 52 16 00-0522	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	558.29	51.57
			For Tempered Clear Insulated Glass, Add	91.03	
08 52 16 00-0523	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	602.70	53.89
			For Tempered Clear Insulated Glass, Add	98.99	
08 52 16 00-0524	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	667.84	57.60
			For Tempered Clear Insulated Glass, Add	110.53	
08 52 16 00-0525	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	711.31	59.46
			For Tempered Clear Insulated Glass, Add	118.48	
08 52 16 00-0526	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	774.26	63.17
			For Tempered Clear Insulated Glass, Add	129.77	
08 52 16 00-0527	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	678.43	65.03
			For Tempered Clear Insulated Glass, Add	109.67	
08 52 16 00-0528	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	727.98	68.29
			For Tempered Clear Insulated Glass, Add	118.28	
08 52 16 00-0529			40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0530	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	595.00	53.89
			For Tempered Clear Insulated Glass, Add	97.45	
08 52 16 00-0531	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	668.90	56.67
			For Tempered Clear Insulated Glass, Add	111.30	
08 52 16 00-0532			48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0533	EA		35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	706.32	57.60
			For Tempered Clear Insulated Glass, Add	118.22	
08 52 16 00-0534	EA		40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	781.50	60.39
			For Tempered Clear Insulated Glass, Add	132.33	
08 52 16 00-0535	EA		48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	891.55	63.64
			For Tempered Clear Insulated Glass, Add	152.85	
08 52 16 00-0536			59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0537	EA		35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	872.74	62.71
			For Tempered Clear Insulated Glass, Add	149.46	
08 52 16 00-0538	EA		40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	938.64	65.03
			For Tempered Clear Insulated Glass, Add	161.71	
08 52 16 00-0539			71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0540	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	953.30	63.17
			For Tempered Clear Insulated Glass, Add	165.39	
08 52 16 00-0541	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	986.90	68.29
			For Tempered Clear Insulated Glass, Add	170.07	
08 52 16 00-0542	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,091.20	70.60
			For Tempered Clear Insulated Glass, Add	190.00	
08 52 16 00-0543	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,198.04	74.33
			For Tempered Clear Insulated Glass, Add	209.88	
08 52 16 00-0544			Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0460)		
08 52 16 00-0545			17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)		
08 52 16 00-0546	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	304.33	38.10
			For Tempered Clear Insulated Glass, Add	45.63	
08 52 16 00-0547	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	327.29	39.95
			For Tempered Clear Insulated Glass, Add	49.48	
08 52 16 00-0548	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	342.47	41.34
			For Tempered Clear Insulated Glass, Add	51.96	
08 52 16 00-0549	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	367.15	43.20
			For Tempered Clear Insulated Glass, Add	56.15	
08 52 16 00-0550	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	393.58	45.53
			For Tempered Clear Insulated Glass, Add	60.51	
08 52 16 00-0551	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	434.37	49.24
			For Tempered Clear Insulated Glass, Add	67.18	
08 52 16 00-0552	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	458.61	51.09
			For Tempered Clear Insulated Glass, Add	71.28	
08 52 16 00-0553	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	497.17	54.81
			For Tempered Clear Insulated Glass, Add	77.69	
08 52 16 00-0554	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	523.63	56.67
			For Tempered Clear Insulated Glass, Add	82.06	
08 52 16 00-0555	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	562.18	59.93
			For Tempered Clear Insulated Glass, Add	88.47	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0556 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)

(08 52 16 00-0544)

08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	322.51	39.95
		For Tempered Clear Insulated Glass, Add	48.71	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	345.46	41.81
		For Tempered Clear Insulated Glass, Add	52.56	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	359.41	42.73
		For Tempered Clear Insulated Glass, Add	54.79	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	386.60	44.59
		For Tempered Clear Insulated Glass, Add	59.48	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	413.05	47.38
		For Tempered Clear Insulated Glass, Add	63.84	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	452.55	50.63
		For Tempered Clear Insulated Glass, Add	70.26	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	478.06	52.96
		For Tempered Clear Insulated Glass, Add	74.62	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	515.34	55.74
		For Tempered Clear Insulated Glass, Add	80.77	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	543.08	58.53
		For Tempered Clear Insulated Glass, Add	85.39	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	580.36	61.32
		For Tempered Clear Insulated Glass, Add	91.55	

08 52 16 00-0567 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)

(08 52 16 00-0544)

08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	342.90	41.81
		For Tempered Clear Insulated Glass, Add	52.04	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	365.87	43.66
		For Tempered Clear Insulated Glass, Add	55.89	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	378.35	44.59
		For Tempered Clear Insulated Glass, Add	57.83	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	405.71	46.45
		For Tempered Clear Insulated Glass, Add	62.56	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	432.16	49.24
		For Tempered Clear Insulated Glass, Add	66.92	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	471.65	52.49
		For Tempered Clear Insulated Glass, Add	73.33	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	497.17	54.81
		For Tempered Clear Insulated Glass, Add	77.69	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	535.74	57.60
		For Tempered Clear Insulated Glass, Add	84.11	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	562.18	60.39
		For Tempered Clear Insulated Glass, Add	88.47	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	600.76	63.17
		For Tempered Clear Insulated Glass, Add	94.88	

08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)

(08 52 16 00-0544)

08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	345.34	43.66
		For Tempered Clear Insulated Glass, Add	51.79	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	375.99	45.53
		For Tempered Clear Insulated Glass, Add	57.17	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	392.95	46.45
		For Tempered Clear Insulated Glass, Add	60.01	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	409.42	48.31
		For Tempered Clear Insulated Glass, Add	62.56	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	466.66	51.09
		For Tempered Clear Insulated Glass, Add	73.08	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	518.98	54.35
		For Tempered Clear Insulated Glass, Add	82.06	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	553.47	56.67
		For Tempered Clear Insulated Glass, Add	88.21	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	604.86	59.46
		For Tempered Clear Insulated Glass, Add	97.19	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	641.57	62.25
		For Tempered Clear Insulated Glass, Add	103.60	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	692.97	65.03
		For Tempered Clear Insulated Glass, Add	112.58	

08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)

(08 52 16 00-0544)

08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	392.95	46.45
		For Tempered Clear Insulated Glass, Add	60.01	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	414.22	47.85
		For Tempered Clear Insulated Glass, Add	63.71	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	442.95	49.70
		For Tempered Clear Insulated Glass, Add	68.71	



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0593	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	475.88	52.03
			For Tempered Clear Insulated Glass, Add	74.37	
08 52 16 00-0594	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	523.56	55.74
			For Tempered Clear Insulated Glass, Add	82.42	
08 52 16 00-0595	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	555.56	57.60
			For Tempered Clear Insulated Glass, Add	88.07	
08 52 16 00-0596	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	602.32	61.32
			For Tempered Clear Insulated Glass, Add	96.12	
08 52 16 00-0597	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	634.15	63.17
			For Tempered Clear Insulated Glass, Add	101.56	
08 52 16 00-0598	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	680.90	66.43
			For Tempered Clear Insulated Glass, Add	109.61	
08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)					
08 52 16 00-0600	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	442.95	49.70
			For Tempered Clear Insulated Glass, Add	68.71	
08 52 16 00-0601	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	485.18	51.57
			For Tempered Clear Insulated Glass, Add	76.41	
08 52 16 00-0602	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	520.61	53.89
			For Tempered Clear Insulated Glass, Add	82.57	
08 52 16 00-0603	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	574.22	57.60
			For Tempered Clear Insulated Glass, Add	91.80	
08 52 16 00-0604	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	608.71	59.46
			For Tempered Clear Insulated Glass, Add	97.96	
08 52 16 00-0605	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	660.11	63.17
			For Tempered Clear Insulated Glass, Add	106.94	
08 52 16 00-0606	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	695.54	65.03
			For Tempered Clear Insulated Glass, Add	113.09	
08 52 16 00-0607	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	746.93	68.29
			For Tempered Clear Insulated Glass, Add	122.07	
08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0459)					
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.					
08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0608)					
08 52 16 00-0610 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)					
08 52 16 00-0611	EA		24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	407.58	38.10
			For Tempered Low-E Insulated Glass, Add	66.28	
08 52 16 00-0612	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	436.95	39.95
			For Tempered Low-E Insulated Glass, Add	71.41	
08 52 16 00-0613	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	461.04	41.34
			For Tempered Low-E Insulated Glass, Add	75.67	
08 52 16 00-0614	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	491.56	43.20
			For Tempered Low-E Insulated Glass, Add	81.03	
08 52 16 00-0615	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	526.65	45.53
			For Tempered Low-E Insulated Glass, Add	87.12	
08 52 16 00-0616	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	580.58	49.24
			For Tempered Low-E Insulated Glass, Add	96.42	
08 52 16 00-0617	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	614.76	51.09
			For Tempered Low-E Insulated Glass, Add	102.51	
08 52 16 00-0618	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	664.55	54.81
			For Tempered Low-E Insulated Glass, Add	111.17	
08 52 16 00-0619	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	682.92	56.67
			For Tempered Low-E Insulated Glass, Add	113.91	
08 52 16 00-0620	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	732.15	59.93
			For Tempered Low-E Insulated Glass, Add	122.46	
08 52 16 00-0621 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)					
08 52 16 00-0622	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	430.40	39.95
			For Tempered Low-E Insulated Glass, Add	70.29	
08 52 16 00-0623	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	462.18	41.81
			For Tempered Low-E Insulated Glass, Add	75.90	
08 52 16 00-0624	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	482.87	42.73
			For Tempered Low-E Insulated Glass, Add	79.48	
08 52 16 00-0625	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	516.78	44.59
			For Tempered Low-E Insulated Glass, Add	85.52	
08 52 16 00-0626	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	551.89	47.38
			For Tempered Low-E Insulated Glass, Add	91.61	
08 52 16 00-0627	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series).....	604.21	50.63
			For Tempered Low-E Insulated Glass, Add	100.59	
08 52 16 00-0628	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	638.38	52.96
			For Tempered Low-E Insulated Glass, Add	106.68	
08 52 16 00-0629	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	689.78	55.74
			For Tempered Low-E Insulated Glass, Add	115.66	
08 52 16 00-0630	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	706.28	58.53
			For Tempered Low-E Insulated Glass, Add	118.03	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	757.10 126.89	61.32
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,176.33 208.32	67.82
08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)				
08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	458.97 75.26	41.81
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	488.35 80.39	43.66
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	508.34 83.83	44.59
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	542.95 90.01	46.45
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	578.05 96.10	49.24
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	631.97 105.40	52.49
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	666.15 111.49	54.81
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	717.54 120.47	57.60
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	732.15 122.46	60.39
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	781.34 131.00	63.17
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,238.52 220.02	69.68
08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)				
08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	457.89 74.30	43.66
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	503.28 82.63	45.53
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	532.46 87.91	46.45
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	586.74 98.02	48.31
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	641.09 107.96	51.09
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	720.66 122.39	54.35
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	772.47 132.01	56.67
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	851.11 146.44	59.46
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	879.91 151.27	62.25
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,095.69 193.12	65.03
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,272.28 226.03	71.53
08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)				
08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	532.46 87.91	46.45
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	563.79 93.62	47.85
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	606.93 101.51	49.70
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	655.09 110.21	52.03
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	725.07 122.72	55.74
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	773.66 131.69	57.60
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	842.71 144.20	61.32
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	890.86 152.90	63.17
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	961.27 165.68	66.43
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,357.73 242.56	72.47



		Openings	08
		Windows	08 50
		Wood Windows	08 52

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0668		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	606.93	49.70
		For Tempered Low-E Insulated Glass, Add	101.51	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	668.59	51.57
		For Tempered Low-E Insulated Glass, Add	113.09	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	722.94	53.89
		For Tempered Low-E Insulated Glass, Add	123.03	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	802.51	57.60
		For Tempered Low-E Insulated Glass, Add	137.46	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	855.92	59.46
		For Tempered Low-E Insulated Glass, Add	147.40	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	932.98	63.17
		For Tempered Low-E Insulated Glass, Add	161.51	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	812.03	65.03
		For Tempered Low-E Insulated Glass, Add	136.39	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	872.35	68.29
		For Tempered Low-E Insulated Glass, Add	147.16	
08 52 16 00-0677		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	708.67	53.89
		For Tempered Low-E Insulated Glass, Add	121.11	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	807.32	57.60
		For Tempered Low-E Insulated Glass, Add	138.42	
08 52 16 00-0680		48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	850.61	57.60
		For Tempered Low-E Insulated Glass, Add	147.08	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	943.43	60.39
		For Tempered Low-E Insulated Glass, Add	164.72	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,079.12	63.64
		For Tempered Low-E Insulated Glass, Add	190.37	
08 52 16 00-0684		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,056.08	62.71
		For Tempered Low-E Insulated Glass, Add	186.13	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,137.30	65.03
		For Tempered Low-E Insulated Glass, Add	201.45	
08 52 16 00-0687		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,156.55	63.17
		For Tempered Low-E Insulated Glass, Add	206.04	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,195.99	68.29
		For Tempered Low-E Insulated Glass, Add	211.88	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,325.21	70.60
		For Tempered Low-E Insulated Glass, Add	236.80	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,456.90	74.33
		For Tempered Low-E Insulated Glass, Add	261.65	
08 52 16 00-0692		Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0608)		
08 52 16 00-0693		17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	357.88	38.10
		For Tempered Low-E Insulated Glass, Add	56.34	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	385.65	39.95
		For Tempered Low-E Insulated Glass, Add	61.15	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	403.93	41.34
		For Tempered Low-E Insulated Glass, Add	64.25	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	433.84	43.20
		For Tempered Low-E Insulated Glass, Add	69.49	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	465.73	45.53
		For Tempered Low-E Insulated Glass, Add	74.94	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	514.85	49.24
		For Tempered Low-E Insulated Glass, Add	83.27	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	544.22	51.09
		For Tempered Low-E Insulated Glass, Add	88.40	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	590.80	54.81
		For Tempered Low-E Insulated Glass, Add	96.42	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	622.71	56.67
		For Tempered Low-E Insulated Glass, Add	101.87	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	669.28	59.93
		For Tempered Low-E Insulated Glass, Add	109.89	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 52 16 00-0704 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400**Series)** (08 52 16 00-0692)

08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	379.91	39.95
		For Tempered Low-E Insulated Glass, Add	60.19	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	407.67	41.81
		For Tempered Low-E Insulated Glass, Add	65.00	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	424.40	42.73
		For Tempered Low-E Insulated Glass, Add	67.79	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	457.46	44.59
		For Tempered Low-E Insulated Glass, Add	73.65	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	489.37	47.38
		For Tempered Low-E Insulated Glass, Add	79.11	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	536.88	50.63
		For Tempered Low-E Insulated Glass, Add	87.12	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	567.84	52.96
		For Tempered Low-E Insulated Glass, Add	92.57	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	612.82	55.74
		For Tempered Low-E Insulated Glass, Add	100.27	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	646.33	58.53
		For Tempered Low-E Insulated Glass, Add	106.04	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	691.31	61.32
		For Tempered Low-E Insulated Glass, Add	113.74	

08 52 16 00-0715 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400**Series)** (08 52 16 00-0692)

08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	404.46	41.81
		For Tempered Low-E Insulated Glass, Add	64.36	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	432.24	43.66
		For Tempered Low-E Insulated Glass, Add	69.17	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	447.15	44.59
		For Tempered Low-E Insulated Glass, Add	71.59	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	480.42	46.45
		For Tempered Low-E Insulated Glass, Add	77.50	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	512.32	49.24
		For Tempered Low-E Insulated Glass, Add	82.95	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	559.83	52.49
		For Tempered Low-E Insulated Glass, Add	90.97	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	590.80	54.81
		For Tempered Low-E Insulated Glass, Add	96.42	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	637.38	57.60
		For Tempered Low-E Insulated Glass, Add	104.44	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	669.28	60.39
		For Tempered Low-E Insulated Glass, Add	109.89	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	715.87	63.17
		For Tempered Low-E Insulated Glass, Add	117.90	

08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400**Series)** (08 52 16 00-0692)

08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	406.59	43.66
		For Tempered Low-E Insulated Glass, Add	64.04	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	443.96	45.53
		For Tempered Low-E Insulated Glass, Add	70.77	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	464.47	46.45
		For Tempered Low-E Insulated Glass, Add	74.31	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	484.13	48.31
		For Tempered Low-E Insulated Glass, Add	77.50	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	554.51	51.09
		For Tempered Low-E Insulated Glass, Add	90.65	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	618.06	54.35
		For Tempered Low-E Insulated Glass, Add	101.87	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	660.24	56.67
		For Tempered Low-E Insulated Glass, Add	109.57	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	722.86	59.46
		For Tempered Low-E Insulated Glass, Add	120.79	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	767.59	62.25
		For Tempered Low-E Insulated Glass, Add	128.81	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	830.21	65.03
		For Tempered Low-E Insulated Glass, Add	140.03	

08 52 16 00-0737 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400**Series)** (08 52 16 00-0692)

08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	464.47	46.45
		For Tempered Low-E Insulated Glass, Add	74.31	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	490.37	47.85
		For Tempered Low-E Insulated Glass, Add	78.94	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	525.35	49.70
		For Tempered Low-E Insulated Glass, Add	85.19	



		Openings	08
		Windows	08 50
		Wood Windows	08 52

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0741	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	565.35	52.03
			For Tempered Low-E Insulated Glass, Add	92.26	
08 52 16 00-0742	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	623.09	55.74
			For Tempered Low-E Insulated Glass, Add	102.32	
08 52 16 00-0743	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	662.16	57.60
			For Tempered Low-E Insulated Glass, Add	109.39	
08 52 16 00-0744	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	718.98	61.32
			For Tempered Low-E Insulated Glass, Add	119.45	
08 52 16 00-0745	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	757.61	63.17
			For Tempered Low-E Insulated Glass, Add	126.25	
08 52 16 00-0746	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	814.42	66.43
			For Tempered Low-E Insulated Glass, Add	136.31	
08 52 16 00-0747			35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0748	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	525.35	49.70
			For Tempered Low-E Insulated Glass, Add	85.19	
08 52 16 00-0749	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	577.21	51.57
			For Tempered Low-E Insulated Glass, Add	94.82	
08 52 16 00-0750	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	620.33	53.89
			For Tempered Low-E Insulated Glass, Add	102.51	
08 52 16 00-0751	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	685.48	57.60
			For Tempered Low-E Insulated Glass, Add	114.06	
08 52 16 00-0752	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	727.67	59.46
			For Tempered Low-E Insulated Glass, Add	121.75	
08 52 16 00-0753	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	790.29	63.17
			For Tempered Low-E Insulated Glass, Add	132.97	
08 52 16 00-0754	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	833.42	65.03
			For Tempered Low-E Insulated Glass, Add	140.67	
08 52 16 00-0755	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	896.03	68.29
			For Tempered Low-E Insulated Glass, Add	151.89	
08 52 16 00-0756			Horizontal Sliding Wood Clad Windows (08 52 16)		
			Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757			One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0756)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758			17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0759	EA		47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	426.80	49.24
			For Tempered Clear Insulated Glass, Add	65.85	
08 52 16 00-0760			23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0761	EA		35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	392.73	45.53
			For Tempered Clear Insulated Glass, Add	60.15	
08 52 16 00-0762	EA		47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	459.28	52.03
			For Tempered Clear Insulated Glass, Add	71.23	
08 52 16 00-0763			35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0764	EA		35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	459.28	52.03
			For Tempered Clear Insulated Glass, Add	71.23	
08 52 16 00-0765	EA		47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	525.84	57.60
			For Tempered Clear Insulated Glass, Add	82.31	
08 52 16 00-0766	EA		59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	592.38	62.71
			For Tempered Clear Insulated Glass, Add	93.39	
08 52 16 00-0767	EA		71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	658.93	68.29
			For Tempered Clear Insulated Glass, Add	104.47	
08 52 16 00-0768			41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0769	EA		35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	493.35	54.81
			For Tempered Clear Insulated Glass, Add	76.93	
08 52 16 00-0770	EA		47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	558.31	60.39
			For Tempered Clear Insulated Glass, Add	87.69	
08 52 16 00-0771	EA		59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	624.86	65.50
			For Tempered Clear Insulated Glass, Add	98.77	
08 52 16 00-0772	EA		71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	746.83	71.07
			For Tempered Clear Insulated Glass, Add	120.94	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0773 47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0774 EA 35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	525.84	57.60
For Tempered Clear Insulated Glass, Add	82.31	
08 52 16 00-0775 EA 47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	592.38	63.17
For Tempered Clear Insulated Glass, Add	93.39	
08 52 16 00-0776 EA 59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	658.93	68.29
For Tempered Clear Insulated Glass, Add	104.47	
08 52 16 00-0777 EA 71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	725.49	73.86
For Tempered Clear Insulated Glass, Add	115.55	
08 52 16 00-0778 53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0779 EA 47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	624.86	65.97
For Tempered Clear Insulated Glass, Add	98.77	
08 52 16 00-0780 EA 59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	691.42	71.07
For Tempered Clear Insulated Glass, Add	109.85	
08 52 16 00-0781 EA 71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	757.97	76.64
For Tempered Clear Insulated Glass, Add	120.94	
08 52 16 00-0782 59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0783 EA 47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	658.93	68.75
For Tempered Clear Insulated Glass, Add	104.47	
08 52 16 00-0784 EA 59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	725.49	73.86
For Tempered Clear Insulated Glass, Add	115.55	
08 52 16 00-0785 EA 71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	792.15	79.44
For Tempered Clear Insulated Glass, Add	126.66	
08 52 16 00-0786 Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0756)		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787 22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0788 EA 35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	948.17	45.53
For Tempered Low-E Insulated Glass, Add	171.24	
08 52 16 00-0789 EA 47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,128.69	52.03
For Tempered Low-E Insulated Glass, Add	205.11	
08 52 16 00-0790 35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0791 EA 35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,142.94	52.03
For Tempered Low-E Insulated Glass, Add	207.96	
08 52 16 00-0792 EA 47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,325.05	57.60
For Tempered Low-E Insulated Glass, Add	242.15	
08 52 16 00-0793 EA 59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,505.57	62.71
For Tempered Low-E Insulated Glass, Add	276.03	
08 52 16 00-0794 EA 71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,686.09	68.29
For Tempered Low-E Insulated Glass, Add	309.90	
08 52 16 00-0795 41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0796 EA 35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,234.00	54.81
For Tempered Low-E Insulated Glass, Add	225.06	
08 52 16 00-0797 EA 47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,414.51	60.39
For Tempered Low-E Insulated Glass, Add	258.93	
08 52 16 00-0798 EA 59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,596.62	65.50
For Tempered Low-E Insulated Glass, Add	293.13	
08 52 16 00-0799 EA 71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,777.15	71.07
For Tempered Low-E Insulated Glass, Add	327.00	
08 52 16 00-0800 47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0801 EA 35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,325.05	57.60
For Tempered Low-E Insulated Glass, Add	242.15	
08 52 16 00-0802 EA 47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,505.57	63.17
For Tempered Low-E Insulated Glass, Add	276.03	
08 52 16 00-0803 EA 59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,686.09	68.29
For Tempered Low-E Insulated Glass, Add	309.90	
08 52 16 00-0804 EA 71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,868.20	73.86
For Tempered Low-E Insulated Glass, Add	344.10	



Openings			08
Windows			08 50
Wood Windows			08 52

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0805		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,505.57	63.17
		For Tempered Low-E Insulated Glass, Add	276.03	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,686.09	68.75
		For Tempered Low-E Insulated Glass, Add	309.90	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,868.20	73.86
		For Tempered Low-E Insulated Glass, Add	344.10	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,048.71	79.44
		For Tempered Low-E Insulated Glass, Add	377.97	
08 52 16 00-0810		Picture Wood Clad Windows (08 52 16)		
		Note: Picture windows are fixed windows.		
08 52 16 00-0811		Picture Wood Clad Windows For Awning And Casement Windows (08 52 16 00-0810)		
08 52 16 00-0812		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0811)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	335.53	37.16
		For Tempered Clear Insulated Glass, Add	52.24	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	392.44	40.88
		For Tempered Clear Insulated Glass, Add	62.14	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	416.86	42.73
		For Tempered Clear Insulated Glass, Add	66.28	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	452.13	46.45
		For Tempered Clear Insulated Glass, Add	72.03	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	476.34	48.31
		For Tempered Clear Insulated Glass, Add	75.94	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	511.61	52.03
		For Tempered Clear Insulated Glass, Add	81.70	
08 52 16 00-0820		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	372.84	45.53
		For Tempered Clear Insulated Glass, Add	56.36	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	430.73	48.31
		For Tempered Clear Insulated Glass, Add	67.01	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	516.08	51.57
		For Tempered Clear Insulated Glass, Add	82.59	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	571.74	53.42
		For Tempered Clear Insulated Glass, Add	92.98	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	654.87	56.67
		For Tempered Clear Insulated Glass, Add	108.30	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	712.75	59.00
		For Tempered Clear Insulated Glass, Add	118.95	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,055.59	62.25
		For Tempered Clear Insulated Glass, Add	186.22	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	430.73	48.31
		For Tempered Clear Insulated Glass, Add	67.01	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	488.62	50.17
		For Tempered Clear Insulated Glass, Add	77.66	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	573.97	53.89
		For Tempered Clear Insulated Glass, Add	93.24	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	629.62	55.74
		For Tempered Clear Insulated Glass, Add	103.63	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	712.75	59.46
		For Tempered Clear Insulated Glass, Add	118.95	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	770.63	61.32
		For Tempered Clear Insulated Glass, Add	129.60	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	853.76	65.03
		For Tempered Clear Insulated Glass, Add	144.92	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	516.08	52.03
		For Tempered Clear Insulated Glass, Add	82.59	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	573.97	53.89
		For Tempered Clear Insulated Glass, Add	93.24	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0839 EA 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	659.32 108.82	57.60
08 52 16 00-0840 EA 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	714.97 119.21	59.46
08 52 16 00-0841 EA 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	798.10 134.54	63.17
08 52 16 00-0842 EA 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	855.99 145.18	65.03
08 52 16 00-0843 EA 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	939.11 160.51	68.75
08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0845 EA 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	571.74 92.98	53.89
08 52 16 00-0846 EA 40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	629.62 103.63	55.74
08 52 16 00-0847 EA 48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	714.97 119.21	59.46
08 52 16 00-0848 EA 52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	770.63 129.60	61.32
08 52 16 00-0849 EA 59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	853.76 144.92	65.03
08 52 16 00-0850 EA 64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	911.65 155.57	66.89
08 52 16 00-0851 EA 71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,071.38 186.22	70.60
08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0853 EA 35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	654.87 108.30	56.67
08 52 16 00-0854 EA 40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	712.75 118.95	59.46
08 52 16 00-0855 EA 48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	798.10 134.54	62.71
08 52 16 00-0856 EA 52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	853.76 144.92	64.56
08 52 16 00-0857 EA 59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	936.88 160.25	67.82
08 52 16 00-0858 EA 64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	994.76 170.90	70.14
08 52 16 00-0859 EA 71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,077.88 186.22	73.40
08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0861 EA 35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	712.75 118.95	59.46
08 52 16 00-0862 EA 40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	770.63 129.60	61.32
08 52 16 00-0863 EA 48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	855.99 145.18	65.03
08 52 16 00-0864 EA 52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	911.65 155.57	66.89
08 52 16 00-0865 EA 59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,071.38 186.22	70.60
08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0867 EA 35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	795.87 134.28	62.25
08 52 16 00-0868 EA 40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	853.76 144.92	65.03
08 52 16 00-0869 EA 48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	939.11 160.51	68.29
08 52 16 00-0870 EA 52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	994.76 170.90	70.14
08 52 16 00-0871 EA 59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	1,077.88 186.22	73.40
08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0811) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0873		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	396.80 64.49	37.16
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	465.31 76.71	40.88
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	494.59 81.82	42.73
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	536.61 88.93	46.45
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	565.41 93.76	48.31
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	607.42 100.86	52.03
08 52 16 00-0880		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	438.94 69.58	45.53
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	509.32 82.73	48.31
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	612.94 101.96	51.57
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	680.79 114.79	53.42
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	781.89 133.71	56.67
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	852.26 146.85	59.00
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,274.00 229.90	62.25
08 52 16 00-0888		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	509.32 82.73	48.31
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	579.70 95.87	50.17
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	683.33 115.11	53.89
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	751.16 127.94	55.74
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	852.26 146.85	59.46
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	922.64 160.00	61.32
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,023.74 178.92	65.03
08 52 16 00-0896		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	612.94 101.96	52.03
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	683.33 115.11	53.89
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	786.95 134.35	57.60
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	854.79 147.18	59.46
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	955.89 166.09	63.17
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,026.27 179.24	65.03
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,127.36 198.16	68.75
08 52 16 00-0904		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	680.79 114.79	53.89
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	751.16 127.94	55.74
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	854.79 147.18	59.46
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	922.64 160.00	61.32

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,023.74 178.92	65.03
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,094.11 192.07	66.89
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,289.79 229.90	70.60
08 52 16 00-0912	59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)			
08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	781.89 133.71	56.67
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	852.26 146.85	59.46
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	955.89 166.09	62.71
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,023.74 178.92	64.56
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,124.83 197.84	67.82
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,195.20 210.98	70.14
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,296.29 229.90	73.40
08 52 16 00-0920	64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)			
08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	852.26 146.85	59.46
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	922.64 160.00	61.32
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,026.27 179.24	65.03
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,094.11 192.07	66.89
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,289.79 229.90	70.60
08 52 16 00-0926	71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)			
08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	953.35 165.77	62.25
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,023.74 178.92	65.03
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,127.36 198.16	68.29
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,195.20 210.98	70.14
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,296.29 229.90	73.40
08 52 16 00-0932	Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)			
08 52 16 00-0933	Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.			
08 52 16 00-0934	35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)			
08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	478.38 72.45	58.06
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	491.10 74.44	59.46
08 52 16 00-0937	47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)			
08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	491.10 74.44	59.46
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	595.80 90.92	70.60
08 52 16 00-0940	53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)			
08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	557.60 84.95	66.43



		Openings	08
		Windows	08 50
		Wood Windows	08 52

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	570.34 86.94	67.82
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	478.38 72.45	58.53
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	557.60 84.95	66.43
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	491.10 74.44	59.46
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	570.34 86.94	67.82
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	595.80 90.92	70.60
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	622.67 95.18	73.40
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	622.67 95.18	73.40
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	595.80 90.92	70.60
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0932) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	531.97 88.93	43.66
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	742.71 126.43	55.74
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	774.85 132.11	57.13
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	823.02 140.64	59.93
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	855.16 146.32	62.25
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	920.83 157.97	65.50
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	986.51 169.62	69.68
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	565.51 94.89	45.53
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	774.85 132.11	57.60
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	808.39 138.08	59.00
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	855.16 146.32	61.78
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	888.71 152.29	64.10
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	954.38 163.93	67.36
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,020.06 175.58	71.53
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	597.64 100.58	47.38
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	808.39 138.08	59.46
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	840.52 143.76	60.85
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	888.71 152.29	63.64
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	920.83 157.97	65.97
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	986.51 169.62	69.21
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,053.61 181.55	73.40
08 52 16 00-0980 60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)				
08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	631.19 106.54	49.24
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	840.52 143.76	61.32
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	874.06 149.73	62.71
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	920.83 157.97	65.50
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	954.38 163.93	67.82
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,020.06 175.58	71.07
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,085.74 187.23	75.25
08 52 16 00-0988 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)				
08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	663.33 112.23	51.09
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	874.06 149.73	63.17
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	907.61 155.69	64.56
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	954.38 163.93	67.36
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	986.51 169.62	69.68
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,053.61 181.55	72.93
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,119.28 193.20	77.11
08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)				
08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	696.87 118.19	52.96
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	907.61 155.69	65.03
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	939.74 161.38	66.43
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	986.51 169.62	69.21
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,020.06 175.58	71.53
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,085.74 187.23	74.79
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,151.41 198.88	78.97
08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)				
08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	729.00 123.87	54.81
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	939.74 161.38	66.89
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	973.29 167.34	68.29
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,020.06 175.58	71.07
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,053.61 181.55	73.40



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
08 52 16 00-1010	EA 59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,119.28 193.20		76.64	
08 52 16 00-1011	EA 67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,184.95 204.85		80.83	
08 52 16 00-1012	76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)				
08 52 16 00-1013	EA 12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)..... For Tempered Low-E Insulated Glass, Add	762.55 129.84		56.67	
08 52 16 00-1014	EA 37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	973.29 167.34		68.75	
08 52 16 00-1015	EA 41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,005.41 173.03		70.14	
08 52 16 00-1016	EA 47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,053.61 181.55		72.93	
08 52 16 00-1017	EA 51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,085.74 187.23		75.25	
08 52 16 00-1018	EA 59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,151.41 198.88		78.50	
08 52 16 00-1019	EA 67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) For Tempered Low-E Insulated Glass, Add	1,217.08 210.53		82.68	
08 52 16 00-1020	Picture Wood Clad Windows For Horizontal Sliding Windows (08 52 16 00-0810)				
08 52 16 00-1021	Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1020) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.				
08 52 16 00-1022	35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)				
08 52 16 00-1023	EA 56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	478.38 72.45		58.06	
08 52 16 00-1024	EA 59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	491.10 74.44		59.46	
08 52 16 00-1025	47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)				
08 52 16 00-1026	EA 47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	491.10 74.44		59.46	
08 52 16 00-1027	EA 71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	595.80 90.92		70.60	
08 52 16 00-1028	53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)				
08 52 16 00-1029	EA 56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	557.60 84.95		66.43	
08 52 16 00-1030	EA 59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	570.34 86.94		67.82	
08 52 16 00-1031	56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)				
08 52 16 00-1032	EA 35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	478.38 72.45		58.53	
08 52 16 00-1033	EA 53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	557.60 84.95		66.43	
08 52 16 00-1034	59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)				
08 52 16 00-1035	EA 35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	491.10 74.44		59.46	
08 52 16 00-1036	EA 53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	570.34 86.94		67.82	
08 52 16 00-1037	EA 59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	595.80 90.92		70.60	
08 52 16 00-1038	EA 65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	622.67 95.18		73.40	
08 52 16 00-1039	65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)				
08 52 16 00-1040	EA 59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) For Tempered Clear Insulated Glass, Add	622.67 95.18		73.40	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series).....	595.80	70.60
		For Tempered Clear Insulated Glass, Add	90.92	
08 52 16 00-1043		Basement Wood Clad Windows (08 52 16)		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-1043)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	253.73	37.16
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	267.20	37.16
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	279.05	37.16
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows (08 52 16)		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	35.05	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	51.66	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	70.11	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	88.56	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	125.45	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	56.08	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	82.65	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	112.17	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	141.69	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	200.73	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	67.30	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	99.18	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	134.60	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	170.03	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	240.87	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	80.77	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	119.01	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	161.52	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	204.03	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	289.04	
08 52 66		Wood Window Screens (08 52)		
08 52 66 00-0001		Insect Screens For Wood Clad Windows (08 52 66)		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	39.57	8.20
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	46.19	8.20
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	49.50	8.20
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	56.13	8.20
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	69.37	8.20
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	75.99	8.20
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	82.61	8.20
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	89.23	8.20
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	2.68	0.16



		Openings	08	08
		Windows	08 50	
		Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 53 Plastic Windows (08 50)

08 53 13 Vinyl Windows (08 53)

08 53 13 00-0001 Single Hung Vinyl Windows (08 53 13)

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0001)

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.
Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0004	EA 24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	213.85	42.73
	For Colored Vinyl, Add	12.84	
	For Tinted Glass, Add	15.41	
	For Low-E Insulated Glass, Add	32.10	
	For Obscure Glass, Add	35.30	
08 53 13 00-0005	EA 28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	224.72	44.59
	For Colored Vinyl, Add	13.55	
	For Tinted Glass, Add	16.26	
	For Low-E Insulated Glass, Add	33.88	
	For Obscure Glass, Add	37.27	
08 53 13 00-0006	EA 30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	229.33	45.53
	For Colored Vinyl, Add	13.83	
	For Tinted Glass, Add	16.59	
	For Low-E Insulated Glass, Add	34.57	
	For Obscure Glass, Add	38.03	
08 53 13 00-0007	EA 32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	234.33	46.45
	For Colored Vinyl, Add	14.14	
	For Tinted Glass, Add	16.97	
	For Low-E Insulated Glass, Add	35.36	
	For Obscure Glass, Add	38.89	
08 53 13 00-0008	EA 36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	246.79	48.31
	For Colored Vinyl, Add	15.02	
	For Tinted Glass, Add	18.02	
	For Low-E Insulated Glass, Add	37.54	
	For Obscure Glass, Add	41.30	
08 53 13 00-0009	EA 44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	267.44	52.03
	For Colored Vinyl, Add	16.34	
	For Tinted Glass, Add	19.61	
	For Low-E Insulated Glass, Add	40.85	
	For Obscure Glass, Add	44.93	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0011	EA 24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	218.23	43.66
	For Colored Vinyl, Add	13.09	
	For Tinted Glass, Add	15.71	
	For Low-E Insulated Glass, Add	32.73	
	For Obscure Glass, Add	36.00	
08 53 13 00-0012	EA 28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	229.09	44.59
	For Colored Vinyl, Add	13.81	
	For Tinted Glass, Add	16.57	
	For Low-E Insulated Glass, Add	34.51	
	For Obscure Glass, Add	37.96	
08 53 13 00-0013	EA 30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	233.72	46.45
	For Colored Vinyl, Add	14.08	
	For Tinted Glass, Add	16.90	
	For Low-E Insulated Glass, Add	35.20	
	For Obscure Glass, Add	38.72	
08 53 13 00-0014	EA 32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	238.70	47.38
	For Colored Vinyl, Add	14.39	
	For Tinted Glass, Add	17.27	
	For Low-E Insulated Glass, Add	35.99	
	For Obscure Glass, Add	39.58	
08 53 13 00-0015	EA 36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	251.16	49.24
	For Colored Vinyl, Add	15.27	
	For Tinted Glass, Add	18.32	
	For Low-E Insulated Glass, Add	38.17	
	For Obscure Glass, Add	41.99	
08 53 13 00-0016	EA 44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	271.82	52.96
	For Colored Vinyl, Add	16.59	
	For Tinted Glass, Add	19.91	
	For Low-E Insulated Glass, Add	41.48	
	For Obscure Glass, Add	45.63	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	222.48 13.33 15.99 33.32 36.65	44.59
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	233.36 14.05 16.85 35.11 38.62	46.45
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	238.13 14.34 17.20 35.84 39.43	47.38
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	243.12 14.65 17.58 36.63 40.29	48.31
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	255.77 15.54 18.65 38.86 42.74	50.17
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	276.66 16.89 20.27 42.22 46.44	53.89
08 53 13 00-0024		44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	235.47 14.07 16.89 35.18 38.70	47.38
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	246.35 14.79 17.74 36.97 40.66	49.24
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	251.65 15.13 18.16 37.83 41.61	50.17
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	256.64 15.44 18.53 38.61 42.47	51.09
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	269.80 16.39 19.67 40.97 45.07	52.96
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	291.37 17.80 21.36 44.51 48.96	56.67
08 53 13 00-0031		46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	239.85 14.32 17.19 35.81 39.39	48.31
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	250.73 15.04 18.05 37.60 41.36	50.17
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	256.19 15.40 18.48 38.50 42.35	51.09



			Openings	08	08
			Windows	08 50	
			Plastic Windows	08 53	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	261.17	52.03
		For Colored Vinyl, Add	15.71	
		For Tinted Glass, Add	18.85	
		For Low-E Insulated Glass, Add	39.28	
		For Obscure Glass, Add	43.21	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	274.50	53.89
		For Colored Vinyl, Add	16.67	
		For Tinted Glass, Add	20.01	
		For Low-E Insulated Glass, Add	41.68	
		For Obscure Glass, Add	45.85	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	296.31	57.60
		For Colored Vinyl, Add	18.11	
		For Tinted Glass, Add	21.73	
		For Low-E Insulated Glass, Add	45.28	
		For Obscure Glass, Add	49.81	
08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)				
08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	244.27	49.24
		For Colored Vinyl, Add	14.58	
		For Tinted Glass, Add	17.49	
		For Low-E Insulated Glass, Add	36.45	
		For Obscure Glass, Add	40.09	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	255.15	51.09
		For Colored Vinyl, Add	15.30	
		For Tinted Glass, Add	18.35	
		For Low-E Insulated Glass, Add	38.24	
		For Obscure Glass, Add	42.06	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	260.77	52.03
		For Colored Vinyl, Add	15.67	
		For Tinted Glass, Add	18.81	
		For Low-E Insulated Glass, Add	39.18	
		For Obscure Glass, Add	43.10	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	265.75	52.96
		For Colored Vinyl, Add	15.98	
		For Tinted Glass, Add	19.18	
		For Low-E Insulated Glass, Add	39.96	
		For Obscure Glass, Add	43.96	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	279.27	54.81
		For Colored Vinyl, Add	16.96	
		For Tinted Glass, Add	20.36	
		For Low-E Insulated Glass, Add	42.41	
		For Obscure Glass, Add	46.65	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	301.29	58.53
		For Colored Vinyl, Add	18.42	
		For Tinted Glass, Add	22.11	
		For Low-E Insulated Glass, Add	46.06	
		For Obscure Glass, Add	50.66	
08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)				
08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	248.53	50.17
		For Colored Vinyl, Add	14.82	
		For Tinted Glass, Add	17.78	
		For Low-E Insulated Glass, Add	37.05	
		For Obscure Glass, Add	40.75	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	259.40	52.03
		For Colored Vinyl, Add	15.54	
		For Tinted Glass, Add	18.64	
		For Low-E Insulated Glass, Add	38.84	
		For Obscure Glass, Add	42.72	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	265.21	52.96
		For Colored Vinyl, Add	15.93	
		For Tinted Glass, Add	19.12	
		For Low-E Insulated Glass, Add	39.83	
		For Obscure Glass, Add	43.81	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	270.19	53.89
		For Colored Vinyl, Add	16.24	
		For Tinted Glass, Add	19.49	
		For Low-E Insulated Glass, Add	40.61	
		For Obscure Glass, Add	44.67	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	283.86	55.74
		For Colored Vinyl, Add	17.24	
		For Tinted Glass, Add	20.69	
		For Low-E Insulated Glass, Add	43.10	
		For Obscure Glass, Add	47.40	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	306.10	59.46
		For Colored Vinyl, Add	18.72	
		For Tinted Glass, Add	22.46	
		For Low-E Insulated Glass, Add	46.80	
		For Obscure Glass, Add	51.48	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 53 13 00-0052	52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)				
08 53 13 00-0053	EA 24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	252.81		51.09	
	For Colored Vinyl, Add	15.06			
	For Tinted Glass, Add	18.07			
	For Low-E Insulated Glass, Add	37.65			
	For Obscure Glass, Add	41.42			
08 53 13 00-0054	EA 28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	263.67		52.96	
	For Colored Vinyl, Add	15.78			
	For Tinted Glass, Add	18.93			
	For Low-E Insulated Glass, Add	39.44			
	For Obscure Glass, Add	43.38			
08 53 13 00-0055	EA 30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	269.67		53.89	
	For Colored Vinyl, Add	16.19			
	For Tinted Glass, Add	19.43			
	For Low-E Insulated Glass, Add	40.48			
	For Obscure Glass, Add	44.52			
08 53 13 00-0056	EA 32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	274.65		54.81	
	For Colored Vinyl, Add	16.50			
	For Tinted Glass, Add	19.80			
	For Low-E Insulated Glass, Add	41.26			
	For Obscure Glass, Add	45.38			
08 53 13 00-0057	EA 36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	288.51		56.67	
	For Colored Vinyl, Add	17.52			
	For Tinted Glass, Add	21.02			
	For Low-E Insulated Glass, Add	43.79			
	For Obscure Glass, Add	48.17			
08 53 13 00-0058	EA 44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	310.98		60.39	
	For Colored Vinyl, Add	19.02			
	For Tinted Glass, Add	22.82			
	For Low-E Insulated Glass, Add	47.55			
	For Obscure Glass, Add	52.31			
08 53 13 00-0059	54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)				
08 53 13 00-0060	EA 24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	257.08		52.03	
	For Colored Vinyl, Add	15.30			
	For Tinted Glass, Add	18.36			
	For Low-E Insulated Glass, Add	38.26			
	For Obscure Glass, Add	42.08			
08 53 13 00-0061	EA 28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	267.95		53.89	
	For Colored Vinyl, Add	16.02			
	For Tinted Glass, Add	19.22			
	For Low-E Insulated Glass, Add	40.05			
	For Obscure Glass, Add	44.05			
08 53 13 00-0062	EA 30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	274.11		54.81	
	For Colored Vinyl, Add	16.45			
	For Tinted Glass, Add	19.74			
	For Low-E Insulated Glass, Add	41.12			
	For Obscure Glass, Add	45.23			
08 53 13 00-0063	EA 32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	279.08		55.74	
	For Colored Vinyl, Add	16.76			
	For Tinted Glass, Add	20.11			
	For Low-E Insulated Glass, Add	41.90			
	For Obscure Glass, Add	46.09			
08 53 13 00-0064	EA 36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	293.10		57.60	
	For Colored Vinyl, Add	17.79			
	For Tinted Glass, Add	21.35			
	For Low-E Insulated Glass, Add	44.48			
	For Obscure Glass, Add	48.92			
08 53 13 00-0065	EA 44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	315.79		61.32	
	For Colored Vinyl, Add	19.32			
	For Tinted Glass, Add	23.18			
	For Low-E Insulated Glass, Add	48.29			
	For Obscure Glass, Add	53.12			
08 53 13 00-0066	60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)				
08 53 13 00-0067	EA 24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	270.22		54.81	
	For Colored Vinyl, Add	16.06			
	For Tinted Glass, Add	19.27			
	For Low-E Insulated Glass, Add	40.15			
	For Obscure Glass, Add	44.16			
08 53 13 00-0068	EA 28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	281.09		56.67	
	For Colored Vinyl, Add	16.77			
	For Tinted Glass, Add	20.13			
	For Low-E Insulated Glass, Add	41.94			
	For Obscure Glass, Add	46.13			



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0069 EA 30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	287.72	57.60
For Colored Vinyl, Add	17.25	
For Tinted Glass, Add	20.70	
For Low-E Insulated Glass, Add	43.13	
For Obscure Glass, Add	47.44	
08 53 13 00-0070 EA 32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	292.70	58.53
For Colored Vinyl, Add	17.56	
For Tinted Glass, Add	21.08	
For Low-E Insulated Glass, Add	43.91	
For Obscure Glass, Add	48.30	
08 53 13 00-0071 EA 36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	307.25	60.39
For Colored Vinyl, Add	18.65	
For Tinted Glass, Add	22.38	
For Low-E Insulated Glass, Add	46.62	
For Obscure Glass, Add	51.28	
08 53 13 00-0072 EA 44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	330.62	64.10
For Colored Vinyl, Add	20.24	
For Tinted Glass, Add	24.29	
For Low-E Insulated Glass, Add	50.60	
For Obscure Glass, Add	55.66	
08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0074 EA 24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	274.48	55.74
For Colored Vinyl, Add	16.30	
For Tinted Glass, Add	19.56	
For Low-E Insulated Glass, Add	40.75	
For Obscure Glass, Add	44.83	
08 53 13 00-0075 EA 28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	285.36	57.60
For Colored Vinyl, Add	17.02	
For Tinted Glass, Add	20.42	
For Low-E Insulated Glass, Add	42.54	
For Obscure Glass, Add	46.79	
08 53 13 00-0076 EA 30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	292.20	58.53
For Colored Vinyl, Add	17.51	
For Tinted Glass, Add	21.02	
For Low-E Insulated Glass, Add	43.79	
For Obscure Glass, Add	48.16	
08 53 13 00-0077 EA 32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	297.17	59.46
For Colored Vinyl, Add	17.83	
For Tinted Glass, Add	21.39	
For Low-E Insulated Glass, Add	44.57	
For Obscure Glass, Add	49.02	
08 53 13 00-0078 EA 36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	311.88	61.32
For Colored Vinyl, Add	18.93	
For Tinted Glass, Add	22.71	
For Low-E Insulated Glass, Add	47.31	
For Obscure Glass, Add	52.04	
08 53 13 00-0079 EA 44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	335.50	65.03
For Colored Vinyl, Add	20.54	
For Tinted Glass, Add	24.65	
For Low-E Insulated Glass, Add	51.36	
For Obscure Glass, Add	56.49	
08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0081 EA 24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	283.16	57.60
For Colored Vinyl, Add	16.80	
For Tinted Glass, Add	20.16	
For Low-E Insulated Glass, Add	41.99	
For Obscure Glass, Add	46.19	
08 53 13 00-0082 EA 28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	294.03	59.46
For Colored Vinyl, Add	17.51	
For Tinted Glass, Add	21.01	
For Low-E Insulated Glass, Add	43.78	
For Obscure Glass, Add	48.16	
08 53 13 00-0083 EA 30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	301.20	60.39
For Colored Vinyl, Add	18.04	
For Tinted Glass, Add	21.65	
For Low-E Insulated Glass, Add	45.11	
For Obscure Glass, Add	49.62	
08 53 13 00-0084 EA 32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	306.17	61.32
For Colored Vinyl, Add	18.35	
For Tinted Glass, Add	22.02	
For Low-E Insulated Glass, Add	45.89	
For Obscure Glass, Add	50.47	
08 53 13 00-0085 EA 36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	321.24	63.17
For Colored Vinyl, Add	19.49	
For Tinted Glass, Add	23.39	
For Low-E Insulated Glass, Add	48.72	
For Obscure Glass, Add	53.59	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0086	EA		44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	345.28	66.89
			For Colored Vinyl, Add	21.15	
			For Tinted Glass, Add	25.38	
			For Low-E Insulated Glass, Add	52.88	
			For Obscure Glass, Add	58.16	
08 53 13 00-0087			72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0088	EA		24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	296.30	60.39
			For Colored Vinyl, Add	17.55	
			For Tinted Glass, Add	21.06	
			For Low-E Insulated Glass, Add	43.88	
			For Obscure Glass, Add	48.27	
08 53 13 00-0089	EA		28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	307.17	62.25
			For Colored Vinyl, Add	18.27	
			For Tinted Glass, Add	21.92	
			For Low-E Insulated Glass, Add	45.67	
			For Obscure Glass, Add	50.24	
08 53 13 00-0090	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	314.33	63.17
			For Colored Vinyl, Add	18.80	
			For Tinted Glass, Add	22.56	
			For Low-E Insulated Glass, Add	47.00	
			For Obscure Glass, Add	51.69	
08 53 13 00-0091	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	319.31	64.10
			For Colored Vinyl, Add	19.11	
			For Tinted Glass, Add	22.93	
			For Low-E Insulated Glass, Add	47.78	
			For Obscure Glass, Add	52.55	
08 53 13 00-0092	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	334.37	65.97
			For Colored Vinyl, Add	20.25	
			For Tinted Glass, Add	24.29	
			For Low-E Insulated Glass, Add	50.61	
			For Obscure Glass, Add	55.67	
08 53 13 00-0093	EA		44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	358.41	69.68
			For Colored Vinyl, Add	21.91	
			For Tinted Glass, Add	26.29	
			For Low-E Insulated Glass, Add	54.77	
			For Obscure Glass, Add	60.24	
08 53 13 00-0094			Replacement, Single Hung Vinyl Windows (Silver Line 2000) (08 53 13 00-0001)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA		Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	303.55	48.77
			For Colored Vinyl, Add	20.60	
			For Tinted Glass, Add	24.72	
			For Low-E Insulated Glass, Add	51.50	
			For Obscure Glass, Add	56.65	
08 53 13 00-0096	EA		>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	332.69	53.42
			For Colored Vinyl, Add	22.59	
			For Tinted Glass, Add	27.10	
			For Low-E Insulated Glass, Add	56.46	
			For Obscure Glass, Add	62.11	
08 53 13 00-0097	EA		>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	359.82	58.06
			For Colored Vinyl, Add	24.37	
			For Tinted Glass, Add	29.24	
			For Low-E Insulated Glass, Add	60.92	
			For Obscure Glass, Add	67.01	
08 53 13 00-0098	EA		>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	379.89	62.71
			For Colored Vinyl, Add	25.45	
			For Tinted Glass, Add	30.54	
			For Low-E Insulated Glass, Add	63.62	
			For Obscure Glass, Add	69.98	
08 53 13 00-0099	EA		>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	400.77	67.36
			For Colored Vinyl, Add	26.61	
			For Tinted Glass, Add	31.93	
			For Low-E Insulated Glass, Add	66.52	
			For Obscure Glass, Add	73.17	
08 53 13 00-0100	EA		>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	434.25	72.00
			For Colored Vinyl, Add	29.03	
			For Tinted Glass, Add	34.83	
			For Low-E Insulated Glass, Add	72.56	
			For Obscure Glass, Add	79.82	
08 53 13 00-0101	UI		>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	3.63	0.60
			For Colored Vinyl, Add	0.24	
			For Tinted Glass, Add	0.29	
			For Low-E Insulated Glass, Add	0.61	
			For Obscure Glass, Add	0.67	
08 53 13 00-0102			Double Hung Vinyl Windows (08 53 13)		
08 53 13 00-0103			New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0102)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles.		



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0104			34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0105	EA		24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	291.39	42.73
			For Colored Vinyl, Add	20.59	
			For Tinted Glass, Add	24.71	
			For Low-E Insulated Glass, Add	51.48	
			For Obscure Glass, Add	56.63	
08 53 13 00-0106	EA		28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	302.26	44.59
			For Colored Vinyl, Add	21.31	
			For Tinted Glass, Add	25.57	
			For Low-E Insulated Glass, Add	53.27	
			For Obscure Glass, Add	58.59	
08 53 13 00-0107	EA		30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	307.54	45.53
			For Colored Vinyl, Add	21.65	
			For Tinted Glass, Add	25.98	
			For Low-E Insulated Glass, Add	54.13	
			For Obscure Glass, Add	59.54	
08 53 13 00-0108	EA		32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	312.53	46.45
			For Colored Vinyl, Add	21.96	
			For Tinted Glass, Add	26.35	
			For Low-E Insulated Glass, Add	54.91	
			For Obscure Glass, Add	60.40	
08 53 13 00-0109	EA		36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.33	48.31
			For Colored Vinyl, Add	22.77	
			For Tinted Glass, Add	27.33	
			For Low-E Insulated Glass, Add	56.93	
			For Obscure Glass, Add	62.62	
08 53 13 00-0110	EA		44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	344.11	52.03
			For Colored Vinyl, Add	24.01	
			For Tinted Glass, Add	28.81	
			For Low-E Insulated Glass, Add	60.02	
			For Obscure Glass, Add	66.02	
08 53 13 00-0111			36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0112	EA		24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	295.77	43.66
			For Colored Vinyl, Add	20.84	
			For Tinted Glass, Add	25.01	
			For Low-E Insulated Glass, Add	52.11	
			For Obscure Glass, Add	57.32	
08 53 13 00-0113	EA		28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	306.63	45.53
			For Colored Vinyl, Add	21.56	
			For Tinted Glass, Add	25.87	
			For Low-E Insulated Glass, Add	53.90	
			For Obscure Glass, Add	59.29	
08 53 13 00-0114	EA		30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	311.93	46.45
			For Colored Vinyl, Add	21.90	
			For Tinted Glass, Add	26.28	
			For Low-E Insulated Glass, Add	54.76	
			For Obscure Glass, Add	60.23	
08 53 13 00-0115	EA		32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.90	47.38
			For Colored Vinyl, Add	22.21	
			For Tinted Glass, Add	26.66	
			For Low-E Insulated Glass, Add	55.54	
			For Obscure Glass, Add	61.09	
08 53 13 00-0116	EA		36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	328.71	49.24
			For Colored Vinyl, Add	23.02	
			For Tinted Glass, Add	27.63	
			For Low-E Insulated Glass, Add	57.56	
			For Obscure Glass, Add	63.31	
08 53 13 00-0117	EA		44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	348.49	52.96
			For Colored Vinyl, Add	24.26	
			For Tinted Glass, Add	29.11	
			For Low-E Insulated Glass, Add	60.65	
			For Obscure Glass, Add	66.71	
08 53 13 00-0118			38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0119	EA		24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	299.78	44.59
			For Colored Vinyl, Add	21.06	
			For Tinted Glass, Add	25.27	
			For Low-E Insulated Glass, Add	52.65	
			For Obscure Glass, Add	57.91	
08 53 13 00-0120	EA		28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	310.66	46.45
			For Colored Vinyl, Add	21.78	
			For Tinted Glass, Add	26.13	
			For Low-E Insulated Glass, Add	54.44	
			For Obscure Glass, Add	59.88	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.08	47.38
		For Colored Vinyl, Add	22.13	
		For Tinted Glass, Add	26.56	
		For Low-E Insulated Glass, Add	55.33	
		For Obscure Glass, Add	60.86	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	321.06	48.31
		For Colored Vinyl, Add	22.44	
		For Tinted Glass, Add	26.93	
		For Low-E Insulated Glass, Add	56.11	
		For Obscure Glass, Add	61.72	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	333.07	50.17
		For Colored Vinyl, Add	23.27	
		For Tinted Glass, Add	27.93	
		For Low-E Insulated Glass, Add	58.18	
		For Obscure Glass, Add	64.00	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	358.05	53.89
		For Colored Vinyl, Add	24.53	
		For Tinted Glass, Add	29.43	
		For Low-E Insulated Glass, Add	61.32	
		For Obscure Glass, Add	67.45	
08 53 13 00-0125 44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)				
08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	313.19	47.38
		For Colored Vinyl, Add	21.84	
		For Tinted Glass, Add	26.21	
		For Low-E Insulated Glass, Add	54.61	
		For Obscure Glass, Add	60.07	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.07	49.24
		For Colored Vinyl, Add	22.56	
		For Tinted Glass, Add	27.07	
		For Low-E Insulated Glass, Add	56.40	
		For Obscure Glass, Add	62.04	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	328.67	50.17
		For Colored Vinyl, Add	22.83	
		For Tinted Glass, Add	27.40	
		For Low-E Insulated Glass, Add	57.08	
		For Obscure Glass, Add	62.79	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	333.66	51.09
		For Colored Vinyl, Add	23.15	
		For Tinted Glass, Add	27.78	
		For Low-E Insulated Glass, Add	57.87	
		For Obscure Glass, Add	63.65	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	346.09	52.96
		For Colored Vinyl, Add	24.02	
		For Tinted Glass, Add	28.82	
		For Low-E Insulated Glass, Add	60.05	
		For Obscure Glass, Add	66.05	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	367.10	56.67
		For Colored Vinyl, Add	25.38	
		For Tinted Glass, Add	30.45	
		For Low-E Insulated Glass, Add	63.44	
		For Obscure Glass, Add	69.78	
08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)				
08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	317.19	48.31
		For Colored Vinyl, Add	22.06	
		For Tinted Glass, Add	26.47	
		For Low-E Insulated Glass, Add	55.14	
		For Obscure Glass, Add	60.66	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	328.07	50.17
		For Colored Vinyl, Add	22.77	
		For Tinted Glass, Add	27.33	
		For Low-E Insulated Glass, Add	56.93	
		For Obscure Glass, Add	62.63	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	332.89	51.09
		For Colored Vinyl, Add	23.07	
		For Tinted Glass, Add	27.68	
		For Low-E Insulated Glass, Add	57.67	
		For Obscure Glass, Add	63.44	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	337.86	52.03
		For Colored Vinyl, Add	23.38	
		For Tinted Glass, Add	28.06	
		For Low-E Insulated Glass, Add	58.45	
		For Obscure Glass, Add	64.30	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	350.45	53.89
		For Colored Vinyl, Add	24.27	
		For Tinted Glass, Add	29.12	
		For Low-E Insulated Glass, Add	60.67	
		For Obscure Glass, Add	66.74	



		Openings	08	08
		Windows	08 50	
		Plastic Windows	08 53	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	372.05	57.60
		For Colored Vinyl, Add	25.69	
		For Tinted Glass, Add	30.82	
		For Low-E Insulated Glass, Add	64.21	
		For Obscure Glass, Add	70.63	
08 53 13 00-0139		48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	321.23	49.24
		For Colored Vinyl, Add	22.28	
		For Tinted Glass, Add	26.73	
		For Low-E Insulated Glass, Add	55.69	
		For Obscure Glass, Add	61.26	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	332.10	51.09
		For Colored Vinyl, Add	22.99	
		For Tinted Glass, Add	27.59	
		For Low-E Insulated Glass, Add	57.48	
		For Obscure Glass, Add	63.22	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	337.04	52.03
		For Colored Vinyl, Add	23.30	
		For Tinted Glass, Add	27.96	
		For Low-E Insulated Glass, Add	58.25	
		For Obscure Glass, Add	64.07	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	342.02	52.96
		For Colored Vinyl, Add	23.61	
		For Tinted Glass, Add	28.33	
		For Low-E Insulated Glass, Add	59.03	
		For Obscure Glass, Add	64.93	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	354.81	54.81
		For Colored Vinyl, Add	24.52	
		For Tinted Glass, Add	29.42	
		For Low-E Insulated Glass, Add	61.30	
		For Obscure Glass, Add	67.42	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	376.94	58.53
		For Colored Vinyl, Add	25.99	
		For Tinted Glass, Add	31.19	
		For Low-E Insulated Glass, Add	64.97	
		For Obscure Glass, Add	71.47	
08 53 13 00-0146		50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	325.22	50.17
		For Colored Vinyl, Add	22.49	
		For Tinted Glass, Add	26.99	
		For Low-E Insulated Glass, Add	56.22	
		For Obscure Glass, Add	61.84	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	336.09	52.03
		For Colored Vinyl, Add	23.20	
		For Tinted Glass, Add	27.84	
		For Low-E Insulated Glass, Add	58.01	
		For Obscure Glass, Add	63.81	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	341.24	52.96
		For Colored Vinyl, Add	23.53	
		For Tinted Glass, Add	28.24	
		For Low-E Insulated Glass, Add	58.83	
		For Obscure Glass, Add	64.72	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	346.22	53.89
		For Colored Vinyl, Add	23.85	
		For Tinted Glass, Add	28.61	
		For Low-E Insulated Glass, Add	59.61	
		For Obscure Glass, Add	65.57	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	359.16	55.74
		For Colored Vinyl, Add	24.77	
		For Tinted Glass, Add	29.72	
		For Low-E Insulated Glass, Add	61.92	
		For Obscure Glass, Add	68.11	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	381.87	59.46
		For Colored Vinyl, Add	26.30	
		For Tinted Glass, Add	31.56	
		For Low-E Insulated Glass, Add	65.74	
		For Obscure Glass, Add	72.31	
08 53 13 00-0153		52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	329.24	51.09
		For Colored Vinyl, Add	22.70	
		For Tinted Glass, Add	27.24	
		For Low-E Insulated Glass, Add	56.76	
		For Obscure Glass, Add	62.44	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0155	EA		28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	340.11	52.96
			For Colored Vinyl, Add	23.42	
			For Tinted Glass, Add	28.10	
			For Low-E Insulated Glass, Add	58.55	
			For Obscure Glass, Add	64.41	
08 53 13 00-0156	EA		30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	345.39	53.89
			For Colored Vinyl, Add	23.76	
			For Tinted Glass, Add	28.51	
			For Low-E Insulated Glass, Add	59.41	
			For Obscure Glass, Add	65.35	
08 53 13 00-0157	EA		32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	350.38	54.81
			For Colored Vinyl, Add	24.08	
			For Tinted Glass, Add	28.89	
			For Low-E Insulated Glass, Add	60.19	
			For Obscure Glass, Add	66.21	
08 53 13 00-0158	EA		36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	368.87	56.67
			For Colored Vinyl, Add	25.05	
			For Tinted Glass, Add	30.06	
			For Low-E Insulated Glass, Add	62.63	
			For Obscure Glass, Add	68.89	
08 53 13 00-0159	EA		44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	386.74	60.39
			For Colored Vinyl, Add	26.60	
			For Tinted Glass, Add	31.92	
			For Low-E Insulated Glass, Add	66.49	
			For Obscure Glass, Add	73.14	
08 53 13 00-0160 54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)					
08 53 13 00-0161	EA		24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	333.27	52.03
			For Colored Vinyl, Add	22.92	
			For Tinted Glass, Add	27.51	
			For Low-E Insulated Glass, Add	57.31	
			For Obscure Glass, Add	63.04	
08 53 13 00-0162	EA		28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	344.14	53.89
			For Colored Vinyl, Add	23.64	
			For Tinted Glass, Add	28.36	
			For Low-E Insulated Glass, Add	59.09	
			For Obscure Glass, Add	65.00	
08 53 13 00-0163	EA		30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	349.61	54.81
			For Colored Vinyl, Add	24.00	
			For Tinted Glass, Add	28.80	
			For Low-E Insulated Glass, Add	60.00	
			For Obscure Glass, Add	65.99	
08 53 13 00-0164	EA		32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	354.59	55.74
			For Colored Vinyl, Add	24.31	
			For Tinted Glass, Add	29.17	
			For Low-E Insulated Glass, Add	60.78	
			For Obscure Glass, Add	66.86	
08 53 13 00-0165	EA		36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	368.57	57.60
			For Colored Vinyl, Add	25.34	
			For Tinted Glass, Add	30.40	
			For Low-E Insulated Glass, Add	63.34	
			For Obscure Glass, Add	69.68	
08 53 13 00-0166	EA		44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	391.62	61.32
			For Colored Vinyl, Add	26.90	
			For Tinted Glass, Add	32.28	
			For Low-E Insulated Glass, Add	67.25	
			For Obscure Glass, Add	73.97	
08 53 13 00-0167 60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)					
08 53 13 00-0168	EA		24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	345.36	54.81
			For Colored Vinyl, Add	23.57	
			For Tinted Glass, Add	28.29	
			For Low-E Insulated Glass, Add	58.93	
			For Obscure Glass, Add	64.83	
08 53 13 00-0169	EA		28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	356.23	56.67
			For Colored Vinyl, Add	24.29	
			For Tinted Glass, Add	29.15	
			For Low-E Insulated Glass, Add	60.72	
			For Obscure Glass, Add	66.79	
08 53 13 00-0170	EA		30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	362.88	57.60
			For Colored Vinyl, Add	24.77	
			For Tinted Glass, Add	29.72	
			For Low-E Insulated Glass, Add	61.92	
			For Obscure Glass, Add	68.11	
08 53 13 00-0171	EA		32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	367.87	58.53
			For Colored Vinyl, Add	25.08	
			For Tinted Glass, Add	30.10	
			For Low-E Insulated Glass, Add	62.70	
			For Obscure Glass, Add	68.97	



		Openings	08
		Windows	08 50
		Plastic Windows	08 53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	382.61	60.39
		For Colored Vinyl, Add	26.18	
		For Tinted Glass, Add	31.42	
		For Low-E Insulated Glass, Add	65.46	
		For Obscure Glass, Add	72.00	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	406.31	64.10
		For Colored Vinyl, Add	27.81	
		For Tinted Glass, Add	33.37	
		For Low-E Insulated Glass, Add	69.53	
		For Obscure Glass, Add	76.48	
08 53 13 00-0174		62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	349.37	55.74
		For Colored Vinyl, Add	23.79	
		For Tinted Glass, Add	28.55	
		For Low-E Insulated Glass, Add	59.47	
		For Obscure Glass, Add	65.42	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	360.24	57.60
		For Colored Vinyl, Add	24.50	
		For Tinted Glass, Add	29.40	
		For Low-E Insulated Glass, Add	61.26	
		For Obscure Glass, Add	67.39	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	367.38	58.53
		For Colored Vinyl, Add	25.03	
		For Tinted Glass, Add	30.04	
		For Low-E Insulated Glass, Add	62.58	
		For Obscure Glass, Add	68.84	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	372.36	59.46
		For Colored Vinyl, Add	25.35	
		For Tinted Glass, Add	30.41	
		For Low-E Insulated Glass, Add	63.36	
		For Obscure Glass, Add	69.70	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	387.26	61.32
		For Colored Vinyl, Add	26.46	
		For Tinted Glass, Add	31.76	
		For Low-E Insulated Glass, Add	66.16	
		For Obscure Glass, Add	72.77	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	411.59	65.03
		For Colored Vinyl, Add	28.15	
		For Tinted Glass, Add	33.78	
		For Low-E Insulated Glass, Add	70.38	
		For Obscure Glass, Add	77.42	
08 53 13 00-0181		66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	358.12	57.60
		For Colored Vinyl, Add	24.29	
		For Tinted Glass, Add	29.15	
		For Low-E Insulated Glass, Add	60.73	
		For Obscure Glass, Add	66.80	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	368.99	59.46
		For Colored Vinyl, Add	25.01	
		For Tinted Glass, Add	30.01	
		For Low-E Insulated Glass, Add	62.52	
		For Obscure Glass, Add	68.77	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	376.40	60.39
		For Colored Vinyl, Add	25.56	
		For Tinted Glass, Add	30.67	
		For Low-E Insulated Glass, Add	63.91	
		For Obscure Glass, Add	70.30	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	381.38	61.32
		For Colored Vinyl, Add	25.88	
		For Tinted Glass, Add	31.05	
		For Low-E Insulated Glass, Add	64.69	
		For Obscure Glass, Add	71.16	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	396.67	63.17
		For Colored Vinyl, Add	27.03	
		For Tinted Glass, Add	32.44	
		For Low-E Insulated Glass, Add	67.58	
		For Obscure Glass, Add	74.34	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	421.84	66.89
		For Colored Vinyl, Add	28.81	
		For Tinted Glass, Add	34.57	
		For Low-E Insulated Glass, Add	72.02	
		For Obscure Glass, Add	79.22	
08 53 13 00-0188		72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0189	EA		24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	371.26	60.39
			For Colored Vinyl, Add	25.05	
			For Tinted Glass, Add	30.06	
			For Low-E Insulated Glass, Add	62.62	
			For Obscure Glass, Add	68.88	
08 53 13 00-0190	EA		28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	382.13	62.25
			For Colored Vinyl, Add	25.76	
			For Tinted Glass, Add	30.92	
			For Low-E Insulated Glass, Add	64.41	
			For Obscure Glass, Add	70.85	
08 53 13 00-0191	EA		30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	389.53	63.17
			For Colored Vinyl, Add	26.32	
			For Tinted Glass, Add	31.58	
			For Low-E Insulated Glass, Add	65.80	
			For Obscure Glass, Add	72.37	
08 53 13 00-0192	EA		32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	394.52	64.10
			For Colored Vinyl, Add	26.63	
			For Tinted Glass, Add	31.96	
			For Low-E Insulated Glass, Add	66.58	
			For Obscure Glass, Add	73.24	
08 53 13 00-0193	EA		36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	409.80	65.97
			For Colored Vinyl, Add	27.79	
			For Tinted Glass, Add	33.35	
			For Low-E Insulated Glass, Add	69.47	
			For Obscure Glass, Add	76.42	
08 53 13 00-0194	EA		44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	434.96	69.68
			For Colored Vinyl, Add	29.56	
			For Tinted Glass, Add	35.47	
			For Low-E Insulated Glass, Add	73.90	
			For Obscure Glass, Add	81.29	
08 53 13 00-0195			Replacement, Double Hung Vinyl Windows (Silver Line 8500) (08 53 13 00-0102)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0196	EA		Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	355.05	48.77
			For Colored Vinyl, Add	25.75	
			For Tinted Glass, Add	30.90	
			For Low-E Insulated Glass, Add	64.38	
			For Obscure Glass, Add	70.81	
08 53 13 00-0197	EA		>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	391.25	53.42
			For Colored Vinyl, Add	28.44	
			For Tinted Glass, Add	34.13	
			For Low-E Insulated Glass, Add	71.10	
			For Obscure Glass, Add	78.21	
08 53 13 00-0198	EA		>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	425.43	58.06
			For Colored Vinyl, Add	30.93	
			For Tinted Glass, Add	37.12	
			For Low-E Insulated Glass, Add	77.33	
			For Obscure Glass, Add	85.06	
08 53 13 00-0199	EA		>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	451.15	62.71
			For Colored Vinyl, Add	32.57	
			For Tinted Glass, Add	39.09	
			For Low-E Insulated Glass, Add	81.43	
			For Obscure Glass, Add	89.58	
08 53 13 00-0200	EA		>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	478.38	67.36
			For Colored Vinyl, Add	34.37	
			For Tinted Glass, Add	41.24	
			For Low-E Insulated Glass, Add	85.92	
			For Obscure Glass, Add	94.51	
08 53 13 00-0201	EA		>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	518.91	72.00
			For Colored Vinyl, Add	37.49	
			For Tinted Glass, Add	44.99	
			For Low-E Insulated Glass, Add	93.73	
			For Obscure Glass, Add	103.10	
08 53 13 00-0202	UI		>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	4.33	0.60
			For Colored Vinyl, Add	0.31	
			For Tinted Glass, Add	0.37	
			For Low-E Insulated Glass, Add	0.78	
			For Obscure Glass, Add	0.86	
08 53 13 00-0203			Casement Vinyl Windows (08 53 13)		
08 53 13 00-0204			New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0203)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles.		
08 53 13 00-0205			One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0206			24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	263.71	35.30
		For Colored Vinyl, Add	19.40	
		For Tinted Glass, Add	23.28	
		For Low-E Insulated Glass, Add	48.51	
		For Obscure Glass, Add	53.36	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	273.05	36.23
		For Colored Vinyl, Add	20.06	
		For Tinted Glass, Add	24.07	
		For Low-E Insulated Glass, Add	50.15	
		For Obscure Glass, Add	55.16	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	283.31	38.10
		For Colored Vinyl, Add	20.71	
		For Tinted Glass, Add	24.86	
		For Low-E Insulated Glass, Add	51.78	
		For Obscure Glass, Add	56.96	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	300.79	39.95
		For Colored Vinyl, Add	22.09	
		For Tinted Glass, Add	26.51	
		For Low-E Insulated Glass, Add	55.22	
		For Obscure Glass, Add	60.74	
08 53 13 00-0211		28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	279.62	37.16
		For Colored Vinyl, Add	20.62	
		For Tinted Glass, Add	24.75	
		For Low-E Insulated Glass, Add	51.56	
		For Obscure Glass, Add	56.71	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	289.70	38.10
		For Colored Vinyl, Add	21.35	
		For Tinted Glass, Add	25.62	
		For Low-E Insulated Glass, Add	53.38	
		For Obscure Glass, Add	58.72	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	300.69	39.95
		For Colored Vinyl, Add	22.08	
		For Tinted Glass, Add	26.49	
		For Low-E Insulated Glass, Add	55.20	
		For Obscure Glass, Add	60.72	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	319.06	41.81
		For Colored Vinyl, Add	23.55	
		For Tinted Glass, Add	28.25	
		For Low-E Insulated Glass, Add	58.86	
		For Obscure Glass, Add	64.75	
08 53 13 00-0216		36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	299.22	39.95
		For Colored Vinyl, Add	21.93	
		For Tinted Glass, Add	26.32	
		For Low-E Insulated Glass, Add	54.83	
		For Obscure Glass, Add	60.31	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	309.66	41.81
		For Colored Vinyl, Add	22.70	
		For Tinted Glass, Add	27.24	
		For Low-E Insulated Glass, Add	56.75	
		For Obscure Glass, Add	62.42	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	321.07	43.20
		For Colored Vinyl, Add	23.47	
		For Tinted Glass, Add	28.16	
		For Low-E Insulated Glass, Add	58.67	
		For Obscure Glass, Add	64.53	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	340.14	45.06
		For Colored Vinyl, Add	25.00	
		For Tinted Glass, Add	30.00	
		For Low-E Insulated Glass, Add	62.51	
		For Obscure Glass, Add	68.76	
08 53 13 00-0221		40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	316.50	42.73
		For Colored Vinyl, Add	23.20	
		For Tinted Glass, Add	27.84	
		For Low-E Insulated Glass, Add	57.99	
		For Obscure Glass, Add	63.79	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	327.47	43.66
		For Colored Vinyl, Add	24.01	
		For Tinted Glass, Add	28.82	
		For Low-E Insulated Glass, Add	60.04	
		For Obscure Glass, Add	66.04	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0224 EA 24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	339.37	45.53
For Colored Vinyl, Add	24.83	
For Tinted Glass, Add	29.80	
For Low-E Insulated Glass, Add	62.08	
For Obscure Glass, Add	68.29	
08 53 13 00-0225 EA 28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	359.90	47.38
For Colored Vinyl, Add	26.51	
For Tinted Glass, Add	31.82	
For Low-E Insulated Glass, Add	66.29	
For Obscure Glass, Add	72.91	
08 53 13 00-0226 48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0227 EA 17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	336.69	46.45
For Colored Vinyl, Add	24.47	
For Tinted Glass, Add	29.37	
For Low-E Insulated Glass, Add	61.18	
For Obscure Glass, Add	67.30	
08 53 13 00-0228 EA 20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	348.11	47.38
For Colored Vinyl, Add	25.34	
For Tinted Glass, Add	30.40	
For Low-E Insulated Glass, Add	63.34	
For Obscure Glass, Add	69.67	
08 53 13 00-0229 EA 24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	360.47	49.24
For Colored Vinyl, Add	26.20	
For Tinted Glass, Add	31.44	
For Low-E Insulated Glass, Add	65.50	
For Obscure Glass, Add	72.05	
08 53 13 00-0230 EA 28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	382.92	51.09
For Colored Vinyl, Add	28.07	
For Tinted Glass, Add	33.69	
For Low-E Insulated Glass, Add	70.18	
For Obscure Glass, Add	77.20	
08 53 13 00-0231 52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0232 EA 17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	353.11	48.31
For Colored Vinyl, Add	25.74	
For Tinted Glass, Add	30.89	
For Low-E Insulated Glass, Add	64.36	
For Obscure Glass, Add	70.79	
08 53 13 00-0233 EA 20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	365.13	49.24
For Colored Vinyl, Add	26.67	
For Tinted Glass, Add	32.00	
For Low-E Insulated Glass, Add	66.66	
For Obscure Glass, Add	73.33	
08 53 13 00-0234 EA 24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	378.06	51.09
For Colored Vinyl, Add	27.59	
For Tinted Glass, Add	33.10	
For Low-E Insulated Glass, Add	68.97	
For Obscure Glass, Add	75.86	
08 53 13 00-0235 EA 28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	400.86	52.96
For Colored Vinyl, Add	29.50	
For Tinted Glass, Add	35.39	
For Low-E Insulated Glass, Add	73.74	
For Obscure Glass, Add	81.11	
08 53 13 00-0236 60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0237 EA 17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	372.32	51.09
For Colored Vinyl, Add	27.01	
For Tinted Glass, Add	32.41	
For Low-E Insulated Glass, Add	67.53	
For Obscure Glass, Add	74.28	
08 53 13 00-0238 EA 20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	384.91	52.96
For Colored Vinyl, Add	27.99	
For Tinted Glass, Add	33.59	
For Low-E Insulated Glass, Add	69.98	
For Obscure Glass, Add	76.98	
08 53 13 00-0239 EA 24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	398.45	54.35
For Colored Vinyl, Add	28.98	
For Tinted Glass, Add	34.77	
For Low-E Insulated Glass, Add	72.44	
For Obscure Glass, Add	79.68	
08 53 13 00-0240 EA 28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	421.59	56.21
For Colored Vinyl, Add	30.92	
For Tinted Glass, Add	37.10	
For Low-E Insulated Glass, Add	77.30	
For Obscure Glass, Add	85.02	



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0241			64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0242	EA		17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	389.35	53.89
			For Colored Vinyl, Add	28.25	
			For Tinted Glass, Add	33.90	
			For Low-E Insulated Glass, Add	70.63	
			For Obscure Glass, Add	77.69	
08 53 13 00-0243	EA		20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	402.26	54.81
			For Colored Vinyl, Add	29.26	
			For Tinted Glass, Add	35.12	
			For Low-E Insulated Glass, Add	73.16	
			For Obscure Glass, Add	80.47	
08 53 13 00-0244	EA		24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	416.60	56.67
			For Colored Vinyl, Add	30.33	
			For Tinted Glass, Add	36.39	
			For Low-E Insulated Glass, Add	75.81	
			For Obscure Glass, Add	83.39	
08 53 13 00-0245	EA		28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	439.24	58.53
			For Colored Vinyl, Add	32.22	
			For Tinted Glass, Add	38.66	
			For Low-E Insulated Glass, Add	80.55	
			For Obscure Glass, Add	88.60	
08 53 13 00-0246			72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0247	EA		17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	410.52	56.67
			For Colored Vinyl, Add	29.72	
			For Tinted Glass, Add	35.66	
			For Low-E Insulated Glass, Add	74.29	
			For Obscure Glass, Add	81.72	
08 53 13 00-0248	EA		20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	424.04	58.53
			For Colored Vinyl, Add	30.79	
			For Tinted Glass, Add	36.95	
			For Low-E Insulated Glass, Add	76.98	
			For Obscure Glass, Add	84.68	
08 53 13 00-0249	EA		24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	437.81	59.93
			For Colored Vinyl, Add	31.80	
			For Tinted Glass, Add	38.16	
			For Low-E Insulated Glass, Add	79.49	
			For Obscure Glass, Add	87.44	
08 53 13 00-0250	EA		28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	460.19	61.78
			For Colored Vinyl, Add	33.66	
			For Tinted Glass, Add	40.40	
			For Low-E Insulated Glass, Add	84.16	
			For Obscure Glass, Add	92.57	
08 53 13 00-0251			Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0252			36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0253	EA		33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	516.01	47.38
			For Colored Vinyl, Add	42.13	
			For Tinted Glass, Add	50.55	
			For Low-E Insulated Glass, Add	105.31	
			For Obscure Glass, Add	115.84	
08 53 13 00-0254	EA		40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	535.74	51.09
			For Colored Vinyl, Add	43.45	
			For Tinted Glass, Add	52.14	
			For Low-E Insulated Glass, Add	108.62	
			For Obscure Glass, Add	119.48	
08 53 13 00-0255	EA		48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	556.41	54.81
			For Colored Vinyl, Add	44.77	
			For Tinted Glass, Add	53.73	
			For Low-E Insulated Glass, Add	111.93	
			For Obscure Glass, Add	123.12	
08 53 13 00-0256	EA		56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	579.55	58.06
			For Colored Vinyl, Add	46.34	
			For Tinted Glass, Add	55.61	
			For Low-E Insulated Glass, Add	115.86	
			For Obscure Glass, Add	127.44	
08 53 13 00-0257			40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0258	EA		33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	546.13	49.70
			For Colored Vinyl, Add	44.67	
			For Tinted Glass, Add	53.61	
			For Low-E Insulated Glass, Add	111.68	
			For Obscure Glass, Add	122.85	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0259 EA 40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	566.95	52.96
For Colored Vinyl, Add	46.10	
For Tinted Glass, Add	55.32	
For Low-E Insulated Glass, Add	115.26	
For Obscure Glass, Add	126.79	
08 53 13 00-0260 EA 48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	588.72	56.67
For Colored Vinyl, Add	47.54	
For Tinted Glass, Add	57.04	
For Low-E Insulated Glass, Add	118.84	
For Obscure Glass, Add	130.73	
08 53 13 00-0261 EA 56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	611.19	60.39
For Colored Vinyl, Add	49.04	
For Tinted Glass, Add	58.85	
For Low-E Insulated Glass, Add	122.60	
For Obscure Glass, Add	134.86	
08 53 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0263 EA 33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	579.55	53.42
For Colored Vinyl, Add	47.27	
For Tinted Glass, Add	56.73	
For Low-E Insulated Glass, Add	118.18	
For Obscure Glass, Add	130.00	
08 53 13 00-0264 EA 40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	601.15	56.67
For Colored Vinyl, Add	48.78	
For Tinted Glass, Add	58.54	
For Low-E Insulated Glass, Add	121.95	
For Obscure Glass, Add	134.15	
08 53 13 00-0265 EA 48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	623.70	60.39
For Colored Vinyl, Add	50.29	
For Tinted Glass, Add	60.35	
For Low-E Insulated Glass, Add	125.73	
For Obscure Glass, Add	138.30	
08 53 13 00-0266 EA 56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	648.00	64.10
For Colored Vinyl, Add	51.98	
For Tinted Glass, Add	62.37	
For Low-E Insulated Glass, Add	129.95	
For Obscure Glass, Add	142.94	
08 53 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0268 EA 33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	609.18	55.28
For Colored Vinyl, Add	49.86	
For Tinted Glass, Add	59.84	
For Low-E Insulated Glass, Add	124.66	
For Obscure Glass, Add	137.12	
08 53 13 00-0269 EA 40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	631.83	58.53
For Colored Vinyl, Add	51.48	
For Tinted Glass, Add	61.77	
For Low-E Insulated Glass, Add	128.69	
For Obscure Glass, Add	141.56	
08 53 13 00-0270 EA 48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	655.41	62.25
For Colored Vinyl, Add	53.09	
For Tinted Glass, Add	63.71	
For Low-E Insulated Glass, Add	132.73	
For Obscure Glass, Add	146.00	
08 53 13 00-0271 EA 56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	680.07	65.97
For Colored Vinyl, Add	54.82	
For Tinted Glass, Add	65.78	
For Low-E Insulated Glass, Add	137.04	
For Obscure Glass, Add	150.74	
08 53 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0273 EA 33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	641.61	58.53
For Colored Vinyl, Add	52.46	
For Tinted Glass, Add	62.95	
For Low-E Insulated Glass, Add	131.14	
For Obscure Glass, Add	144.25	
08 53 13 00-0274 EA 40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	665.30	62.25
For Colored Vinyl, Add	54.17	
For Tinted Glass, Add	65.01	
For Low-E Insulated Glass, Add	135.44	
For Obscure Glass, Add	148.98	
08 53 13 00-0275 EA 48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	689.91	65.97
For Colored Vinyl, Add	55.89	
For Tinted Glass, Add	67.07	
For Low-E Insulated Glass, Add	139.73	
For Obscure Glass, Add	153.70	



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0276	EA		56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	714.92 57.65 69.18 144.12 158.53	69.21
08 53 13 00-0277			64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0278	EA		33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	673.03 55.13 66.16 137.83 151.61	60.85
08 53 13 00-0279	EA		40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	696.72 56.85 68.22 142.13 156.34	64.10
08 53 13 00-0280	EA		48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	721.24 58.56 70.27 146.40 161.04	67.82
08 53 13 00-0281	EA		56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	746.33 60.33 72.39 150.82 165.90	71.53
08 53 13 00-0282			72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0283	EA		33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	708.03 57.98 69.58 144.96 159.45	64.10
08 53 13 00-0284	EA		40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	731.72 59.70 71.64 149.25 164.18	67.82
08 53 13 00-0285	EA		48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	756.36 61.42 73.71 153.55 168.91	71.53
08 53 13 00-0286	EA		56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	781.36 63.18 75.81 157.95 173.74	74.79
08 53 13 00-0287			Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0288			36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0289	EA		62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	638.05 51.73 62.07 129.32 142.25	60.39
08 53 13 00-0290	EA		72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	669.13 53.91 64.69 134.77 148.24	65.03
08 53 13 00-0291	EA		86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	724.06 58.01 69.61 145.02 159.52	72.00
08 53 13 00-0292			40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0293 EA 62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	679.04	63.17
For Colored Vinyl, Add	55.36	
For Tinted Glass, Add	66.43	
For Low-E Insulated Glass, Add	138.41	
For Obscure Glass, Add	152.25	
08 53 13 00-0294 EA 72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	710.34	67.36
For Colored Vinyl, Add	57.56	
For Tinted Glass, Add	69.08	
For Low-E Insulated Glass, Add	143.91	
For Obscure Glass, Add	158.30	
08 53 13 00-0295 EA 86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	768.22	74.33
For Colored Vinyl, Add	61.96	
For Tinted Glass, Add	74.35	
For Low-E Insulated Glass, Add	154.89	
For Obscure Glass, Add	170.38	
08 53 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0297 EA 62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	718.54	66.89
For Colored Vinyl, Add	58.48	
For Tinted Glass, Add	70.17	
For Low-E Insulated Glass, Add	146.19	
For Obscure Glass, Add	160.81	
08 53 13 00-0298 EA 72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	754.86	71.07
For Colored Vinyl, Add	61.27	
For Tinted Glass, Add	73.53	
For Low-E Insulated Glass, Add	153.18	
For Obscure Glass, Add	168.50	
08 53 13 00-0299 EA 86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	815.25	78.04
For Colored Vinyl, Add	65.92	
For Tinted Glass, Add	79.10	
For Low-E Insulated Glass, Add	164.79	
For Obscure Glass, Add	181.27	
08 53 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0301 EA 62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	757.35	68.75
For Colored Vinyl, Add	61.99	
For Tinted Glass, Add	74.38	
For Low-E Insulated Glass, Add	154.96	
For Obscure Glass, Add	170.46	
08 53 13 00-0302 EA 72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	796.12	73.40
For Colored Vinyl, Add	64.93	
For Tinted Glass, Add	77.92	
For Low-E Insulated Glass, Add	162.34	
For Obscure Glass, Add	178.57	
08 53 13 00-0303 EA 86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	864.40	79.90
For Colored Vinyl, Add	70.46	
For Tinted Glass, Add	84.55	
For Low-E Insulated Glass, Add	176.15	
For Obscure Glass, Add	193.77	
08 53 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0305 EA 62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	798.92	72.00
For Colored Vinyl, Add	65.49	
For Tinted Glass, Add	78.59	
For Low-E Insulated Glass, Add	163.73	
For Obscure Glass, Add	180.10	
08 53 13 00-0306 EA 72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	839.23	76.64
For Colored Vinyl, Add	68.59	
For Tinted Glass, Add	82.31	
For Low-E Insulated Glass, Add	171.49	
For Obscure Glass, Add	188.63	
08 53 13 00-0307 EA 86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	916.34	83.15
For Colored Vinyl, Add	75.00	
For Tinted Glass, Add	90.00	
For Low-E Insulated Glass, Add	187.51	
For Obscure Glass, Add	206.26	
08 53 13 00-0308 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0309 EA 62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	843.20	74.33
For Colored Vinyl, Add	69.46	
For Tinted Glass, Add	83.35	
For Low-E Insulated Glass, Add	173.64	
For Obscure Glass, Add	191.00	



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0310	EA		72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	883.49	78.97
			For Colored Vinyl, Add	72.56	
			For Tinted Glass, Add	87.07	
			For Low-E Insulated Glass, Add	181.39	
			For Obscure Glass, Add	199.53	
08 53 13 00-0311	EA		86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	960.59	85.47
			For Colored Vinyl, Add	78.97	
			For Tinted Glass, Add	94.76	
			For Low-E Insulated Glass, Add	197.41	
			For Obscure Glass, Add	217.15	
08 53 13 00-0312			72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0313	EA		62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	889.41	77.57
			For Colored Vinyl, Add	73.43	
			For Tinted Glass, Add	88.11	
			For Low-E Insulated Glass, Add	183.57	
			For Obscure Glass, Add	201.92	
08 53 13 00-0314	EA		72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	929.70	82.22
			For Colored Vinyl, Add	76.53	
			For Tinted Glass, Add	91.83	
			For Low-E Insulated Glass, Add	191.32	
			For Obscure Glass, Add	210.45	
08 53 13 00-0315	EA		86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,006.81	88.72
			For Colored Vinyl, Add	82.94	
			For Tinted Glass, Add	99.52	
			For Low-E Insulated Glass, Add	207.34	
			For Obscure Glass, Add	228.07	
08 53 13 00-0316			Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0203)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0317			One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)		
08 53 13 00-0318	EA		Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	335.36	39.49
			For Colored Vinyl, Add	25.64	
			For Tinted Glass, Add	30.77	
			For Low-E Insulated Glass, Add	64.10	
			For Obscure Glass, Add	70.51	
08 53 13 00-0319	EA		>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	380.33	44.13
			For Colored Vinyl, Add	29.21	
			For Tinted Glass, Add	35.05	
			For Low-E Insulated Glass, Add	73.02	
			For Obscure Glass, Add	80.32	
08 53 13 00-0320	EA		>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	421.26	48.77
			For Colored Vinyl, Add	32.37	
			For Tinted Glass, Add	38.85	
			For Low-E Insulated Glass, Add	80.93	
			For Obscure Glass, Add	89.02	
08 53 13 00-0321	EA		>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	458.17	53.42
			For Colored Vinyl, Add	35.13	
			For Tinted Glass, Add	42.16	
			For Low-E Insulated Glass, Add	87.83	
			For Obscure Glass, Add	96.62	
08 53 13 00-0322	EA		>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	491.04	58.06
			For Colored Vinyl, Add	37.49	
			For Tinted Glass, Add	44.99	
			For Low-E Insulated Glass, Add	93.73	
			For Obscure Glass, Add	103.10	
08 53 13 00-0323	EA		>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	512.22	62.71
			For Colored Vinyl, Add	38.68	
			For Tinted Glass, Add	46.42	
			For Low-E Insulated Glass, Add	96.70	
			For Obscure Glass, Add	106.37	
08 53 13 00-0324	UI		>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	5.04	0.60
			For Colored Vinyl, Add	0.38	
			For Tinted Glass, Add	0.46	
			For Low-E Insulated Glass, Add	0.96	
			For Obscure Glass, Add	1.05	
08 53 13 00-0325			Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)		
08 53 13 00-0326	EA		Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	546.33	48.77
			For Colored Vinyl, Add	44.88	
			For Tinted Glass, Add	53.85	
			For Low-E Insulated Glass, Add	112.20	
			For Obscure Glass, Add	123.41	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0327 EA >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	600.37	53.42
For Colored Vinyl, Add	49.35	
For Tinted Glass, Add	59.22	
For Low-E Insulated Glass, Add	123.38	
For Obscure Glass, Add	135.72	
08 53 13 00-0328 EA >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	650.38	58.06
For Colored Vinyl, Add	53.43	
For Tinted Glass, Add	64.11	
For Low-E Insulated Glass, Add	133.56	
For Obscure Glass, Add	146.92	
08 53 13 00-0329 EA >93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	685.26	62.71
For Colored Vinyl, Add	55.98	
For Tinted Glass, Add	67.18	
For Low-E Insulated Glass, Add	139.96	
For Obscure Glass, Add	153.96	
08 53 13 00-0330 EA >101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	722.27	67.36
For Colored Vinyl, Add	58.76	
For Tinted Glass, Add	70.51	
For Low-E Insulated Glass, Add	146.89	
For Obscure Glass, Add	161.58	
08 53 13 00-0331 EA >110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	760.79	72.00
For Colored Vinyl, Add	61.68	
For Tinted Glass, Add	74.01	
For Low-E Insulated Glass, Add	154.20	
For Obscure Glass, Add	169.62	
08 53 13 00-0332 UI >120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	6.35	0.60
For Colored Vinyl, Add	0.51	
For Tinted Glass, Add	0.62	
For Low-E Insulated Glass, Add	1.29	
For Obscure Glass, Add	1.41	
08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)		
08 53 13 00-0334 EA Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	568.40	48.77
For Colored Vinyl, Add	47.09	
For Tinted Glass, Add	56.50	
For Low-E Insulated Glass, Add	117.71	
For Obscure Glass, Add	129.48	
08 53 13 00-0335 EA >73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	624.86	53.42
For Colored Vinyl, Add	51.80	
For Tinted Glass, Add	62.16	
For Low-E Insulated Glass, Add	129.51	
For Obscure Glass, Add	142.46	
08 53 13 00-0336 EA >83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	678.49	58.06
For Colored Vinyl, Add	56.24	
For Tinted Glass, Add	67.48	
For Low-E Insulated Glass, Add	140.59	
For Obscure Glass, Add	154.65	
08 53 13 00-0337 EA >93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	715.80	62.71
For Colored Vinyl, Add	59.04	
For Tinted Glass, Add	70.85	
For Low-E Insulated Glass, Add	147.60	
For Obscure Glass, Add	162.35	
08 53 13 00-0338 EA >101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	755.53	67.36
For Colored Vinyl, Add	62.08	
For Tinted Glass, Add	74.50	
For Low-E Insulated Glass, Add	155.21	
For Obscure Glass, Add	170.73	
08 53 13 00-0339 EA >110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	797.07	72.00
For Colored Vinyl, Add	65.31	
For Tinted Glass, Add	78.37	
For Low-E Insulated Glass, Add	163.27	
For Obscure Glass, Add	179.59	
08 53 13 00-0340 UI >120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	6.65	0.60
For Colored Vinyl, Add	0.54	
For Tinted Glass, Add	0.65	
For Low-E Insulated Glass, Add	1.36	
For Obscure Glass, Add	1.50	
08 53 13 00-0341 Awning Vinyl Windows (08 53 13)		
08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0341)		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0342)		
08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0345	EA		24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	336.54	38.10
			For Colored Vinyl, Add	26.04	
			For Tinted Glass, Add	31.24	
			For Low-E Insulated Glass, Add	65.09	
			For Obscure Glass, Add	71.60	
08 53 13 00-0346	EA		28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	352.35	39.95
			For Colored Vinyl, Add	27.25	
			For Tinted Glass, Add	32.69	
			For Low-E Insulated Glass, Add	68.11	
			For Obscure Glass, Add	74.92	
08 53 13 00-0347	EA		36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	377.00	43.20
			For Colored Vinyl, Add	29.06	
			For Tinted Glass, Add	34.87	
			For Low-E Insulated Glass, Add	72.65	
			For Obscure Glass, Add	79.91	
08 53 13 00-0348	EA		40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	393.04	45.53
			For Colored Vinyl, Add	30.20	
			For Tinted Glass, Add	36.24	
			For Low-E Insulated Glass, Add	75.50	
			For Obscure Glass, Add	83.05	
08 53 13 00-0349	EA		48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	419.31	49.24
			For Colored Vinyl, Add	32.08	
			For Tinted Glass, Add	38.50	
			For Low-E Insulated Glass, Add	80.21	
			For Obscure Glass, Add	88.23	
08 53 13 00-0350			20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0351	EA		24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	354.45	39.95
			For Colored Vinyl, Add	27.55	
			For Tinted Glass, Add	33.06	
			For Low-E Insulated Glass, Add	68.87	
			For Obscure Glass, Add	75.76	
08 53 13 00-0352	EA		28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	370.25	41.81
			For Colored Vinyl, Add	28.76	
			For Tinted Glass, Add	34.51	
			For Low-E Insulated Glass, Add	71.89	
			For Obscure Glass, Add	79.08	
08 53 13 00-0353	EA		36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	396.58	44.59
			For Colored Vinyl, Add	30.74	
			For Tinted Glass, Add	36.89	
			For Low-E Insulated Glass, Add	76.85	
			For Obscure Glass, Add	84.53	
08 53 13 00-0354	EA		40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	412.65	47.38
			For Colored Vinyl, Add	31.88	
			For Tinted Glass, Add	38.26	
			For Low-E Insulated Glass, Add	79.70	
			For Obscure Glass, Add	87.67	
08 53 13 00-0355	EA		48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	440.56	50.63
			For Colored Vinyl, Add	33.93	
			For Tinted Glass, Add	40.71	
			For Low-E Insulated Glass, Add	84.82	
			For Obscure Glass, Add	93.30	
08 53 13 00-0356			24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0357	EA		24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	366.54	41.81
			For Colored Vinyl, Add	28.39	
			For Tinted Glass, Add	34.06	
			For Low-E Insulated Glass, Add	70.97	
			For Obscure Glass, Add	78.06	
08 53 13 00-0358	EA		28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	382.37	43.66
			For Colored Vinyl, Add	29.60	
			For Tinted Glass, Add	35.52	
			For Low-E Insulated Glass, Add	73.99	
			For Obscure Glass, Add	81.39	
08 53 13 00-0359	EA		36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	409.53	46.45
			For Colored Vinyl, Add	31.66	
			For Tinted Glass, Add	37.99	
			For Low-E Insulated Glass, Add	79.16	
			For Obscure Glass, Add	87.07	
08 53 13 00-0360	EA		40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	426.95	49.24
			For Colored Vinyl, Add	32.94	
			For Tinted Glass, Add	39.53	
			For Low-E Insulated Glass, Add	82.35	
			For Obscure Glass, Add	90.59	
08 53 13 00-0361	EA		48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	455.20	52.49
			For Colored Vinyl, Add	35.02	
			For Tinted Glass, Add	42.03	
			For Low-E Insulated Glass, Add	87.56	
			For Obscure Glass, Add	96.31	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0363 EA 24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	378.68	43.66
For Colored Vinyl, Add	29.23	
For Tinted Glass, Add	35.07	
For Low-E Insulated Glass, Add	73.07	
For Obscure Glass, Add	80.37	
08 53 13 00-0364 EA 28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	394.48	45.53
For Colored Vinyl, Add	30.44	
For Tinted Glass, Add	36.52	
For Low-E Insulated Glass, Add	76.09	
For Obscure Glass, Add	83.70	
08 53 13 00-0365 EA 36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	422.49	48.31
For Colored Vinyl, Add	32.59	
For Tinted Glass, Add	39.10	
For Low-E Insulated Glass, Add	81.47	
For Obscure Glass, Add	89.61	
08 53 13 00-0366 EA 40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	441.17	51.09
For Colored Vinyl, Add	33.99	
For Tinted Glass, Add	40.79	
For Low-E Insulated Glass, Add	84.98	
For Obscure Glass, Add	93.47	
08 53 13 00-0367 EA 48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	469.84	54.35
For Colored Vinyl, Add	36.11	
For Tinted Glass, Add	43.34	
For Low-E Insulated Glass, Add	90.29	
For Obscure Glass, Add	99.31	
08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0369 EA 36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	447.45	51.57
For Colored Vinyl, Add	34.43	
For Tinted Glass, Add	41.32	
For Low-E Insulated Glass, Add	86.08	
For Obscure Glass, Add	94.69	
08 53 13 00-0370 EA 40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	466.15	53.89
For Colored Vinyl, Add	35.84	
For Tinted Glass, Add	43.01	
For Low-E Insulated Glass, Add	89.60	
For Obscure Glass, Add	98.55	
08 53 13 00-0371 EA 48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	496.50	57.60
For Colored Vinyl, Add	38.13	
For Tinted Glass, Add	45.76	
For Low-E Insulated Glass, Add	95.33	
For Obscure Glass, Add	104.86	
08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) (08 53 13 00-0341)		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373 EA Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	351.38	39.49
For Colored Vinyl, Add	27.24	
For Tinted Glass, Add	32.69	
For Low-E Insulated Glass, Add	68.10	
For Obscure Glass, Add	74.91	
08 53 13 00-0374 EA >53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	405.72	44.13
For Colored Vinyl, Add	31.75	
For Tinted Glass, Add	38.10	
For Low-E Insulated Glass, Add	79.37	
For Obscure Glass, Add	87.30	
08 53 13 00-0375 EA >63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	458.05	48.77
For Colored Vinyl, Add	36.05	
For Tinted Glass, Add	43.26	
For Low-E Insulated Glass, Add	90.13	
For Obscure Glass, Add	99.14	
08 53 13 00-0376 EA >73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	508.36	53.42
For Colored Vinyl, Add	40.15	
For Tinted Glass, Add	48.18	
For Low-E Insulated Glass, Add	100.38	
For Obscure Glass, Add	110.42	
08 53 13 00-0377 EA >83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	556.65	58.06
For Colored Vinyl, Add	44.05	
For Tinted Glass, Add	52.86	
For Low-E Insulated Glass, Add	110.13	
For Obscure Glass, Add	121.14	
08 53 13 00-0378 EA >93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	583.47	62.71
For Colored Vinyl, Add	45.81	
For Tinted Glass, Add	54.97	
For Low-E Insulated Glass, Add	114.51	
For Obscure Glass, Add	125.96	



Openings			08
Windows			08 50
Plastic Windows			08 53

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0379	UI		>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	5.75	0.60
			For Colored Vinyl, Add	0.45	
			For Tinted Glass, Add	0.54	
			For Low-E Insulated Glass, Add	1.14	
			For Obscure Glass, Add	1.25	
08 53 13 00-0380			Horizontal Sliding Vinyl Windows (08 53 13)		
08 53 13 00-0381			New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0380)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles.		
08 53 13 00-0382			20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0383	EA		36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	211.80	45.53
			For Colored Vinyl, Add	12.17	
			For Tinted Glass, Add	14.60	
			For Low-E Insulated Glass, Add	30.42	
			For Obscure Glass, Add	33.46	
08 53 13 00-0384	EA		48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	234.89	51.09
			For Colored Vinyl, Add	13.36	
			For Tinted Glass, Add	16.03	
			For Low-E Insulated Glass, Add	33.41	
			For Obscure Glass, Add	36.75	
08 53 13 00-0385	EA		54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	246.42	53.42
			For Colored Vinyl, Add	13.96	
			For Tinted Glass, Add	16.75	
			For Low-E Insulated Glass, Add	34.90	
			For Obscure Glass, Add	38.38	
08 53 13 00-0386	EA		60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	257.96	56.21
			For Colored Vinyl, Add	14.56	
			For Tinted Glass, Add	17.47	
			For Low-E Insulated Glass, Add	36.39	
			For Obscure Glass, Add	40.03	
08 53 13 00-0387	EA		64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	265.65	58.53
			For Colored Vinyl, Add	14.95	
			For Tinted Glass, Add	17.94	
			For Low-E Insulated Glass, Add	37.38	
			For Obscure Glass, Add	41.12	
08 53 13 00-0388	EA		72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	281.04	61.78
			For Colored Vinyl, Add	15.75	
			For Tinted Glass, Add	18.90	
			For Low-E Insulated Glass, Add	39.37	
			For Obscure Glass, Add	43.31	
08 53 13 00-0389			24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0390	EA		36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	222.24	47.38
			For Colored Vinyl, Add	12.84	
			For Tinted Glass, Add	15.41	
			For Low-E Insulated Glass, Add	32.10	
			For Obscure Glass, Add	35.31	
08 53 13 00-0391	EA		48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	245.85	52.96
			For Colored Vinyl, Add	14.09	
			For Tinted Glass, Add	16.90	
			For Low-E Insulated Glass, Add	35.22	
			For Obscure Glass, Add	38.74	
08 53 13 00-0392	EA		54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	257.73	55.28
			For Colored Vinyl, Add	14.72	
			For Tinted Glass, Add	17.66	
			For Low-E Insulated Glass, Add	36.80	
			For Obscure Glass, Add	40.47	
08 53 13 00-0393	EA		60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	269.50	58.06
			For Colored Vinyl, Add	15.34	
			For Tinted Glass, Add	18.40	
			For Low-E Insulated Glass, Add	38.34	
			For Obscure Glass, Add	42.18	
08 53 13 00-0394	EA		64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	277.36	60.39
			For Colored Vinyl, Add	15.75	
			For Tinted Glass, Add	18.90	
			For Low-E Insulated Glass, Add	39.38	
			For Obscure Glass, Add	43.32	
08 53 13 00-0395	EA		72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	293.13	63.64
			For Colored Vinyl, Add	16.59	
			For Tinted Glass, Add	19.90	
			For Low-E Insulated Glass, Add	41.46	
			For Obscure Glass, Add	45.61	
08 53 13 00-0396			36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	253.69	52.96
		For Colored Vinyl, Add	14.87	
		For Tinted Glass, Add	17.85	
		For Low-E Insulated Glass, Add	37.18	
		For Obscure Glass, Add	40.90	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	279.07	58.53
		For Colored Vinyl, Add	16.29	
		For Tinted Glass, Add	19.55	
		For Low-E Insulated Glass, Add	40.74	
		For Obscure Glass, Add	44.81	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	291.79	60.85
		For Colored Vinyl, Add	17.01	
		For Tinted Glass, Add	20.41	
		For Low-E Insulated Glass, Add	42.52	
		For Obscure Glass, Add	46.77	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	304.47	63.64
		For Colored Vinyl, Add	17.72	
		For Tinted Glass, Add	21.26	
		For Low-E Insulated Glass, Add	44.30	
		For Obscure Glass, Add	48.73	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	312.94	65.03
		For Colored Vinyl, Add	18.20	
		For Tinted Glass, Add	21.83	
		For Low-E Insulated Glass, Add	45.49	
		For Obscure Glass, Add	50.04	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	329.88	69.21
		For Colored Vinyl, Add	19.15	
		For Tinted Glass, Add	22.97	
		For Low-E Insulated Glass, Add	47.86	
		For Obscure Glass, Add	52.65	
08 53 13 00-0403		42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	269.42	55.74
		For Colored Vinyl, Add	15.89	
		For Tinted Glass, Add	19.06	
		For Low-E Insulated Glass, Add	39.72	
		For Obscure Glass, Add	43.69	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.70	61.32
		For Colored Vinyl, Add	17.40	
		For Tinted Glass, Add	20.88	
		For Low-E Insulated Glass, Add	43.50	
		For Obscure Glass, Add	47.85	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	308.85	63.64
		For Colored Vinyl, Add	18.16	
		For Tinted Glass, Add	21.79	
		For Low-E Insulated Glass, Add	45.39	
		For Obscure Glass, Add	49.93	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	321.98	66.43
		For Colored Vinyl, Add	18.91	
		For Tinted Glass, Add	22.70	
		For Low-E Insulated Glass, Add	47.28	
		For Obscure Glass, Add	52.01	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	330.72	68.75
		For Colored Vinyl, Add	19.42	
		For Tinted Glass, Add	23.30	
		For Low-E Insulated Glass, Add	48.54	
		For Obscure Glass, Add	53.39	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	348.24	72.00
		For Colored Vinyl, Add	20.42	
		For Tinted Glass, Add	24.51	
		For Low-E Insulated Glass, Add	51.06	
		For Obscure Glass, Add	56.17	
08 53 13 00-0410		44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	274.67	56.67
		For Colored Vinyl, Add	16.23	
		For Tinted Glass, Add	19.47	
		For Low-E Insulated Glass, Add	40.57	
		For Obscure Glass, Add	44.62	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	301.24	62.25
		For Colored Vinyl, Add	17.77	
		For Tinted Glass, Add	21.32	
		For Low-E Insulated Glass, Add	44.42	
		For Obscure Glass, Add	48.86	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	314.52	64.56
		For Colored Vinyl, Add	18.54	
		For Tinted Glass, Add	22.25	
		For Low-E Insulated Glass, Add	46.35	
		For Obscure Glass, Add	50.98	



		Openings	08	08
		Windows	08 50	
		Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0414	EA		60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	327.81	67.36
			For Colored Vinyl, Add	19.31	
			For Tinted Glass, Add	23.17	
			For Low-E Insulated Glass, Add	48.28	
			For Obscure Glass, Add	53.10	
08 53 13 00-0415	EA		64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	336.67	69.68
			For Colored Vinyl, Add	19.82	
			For Tinted Glass, Add	23.79	
			For Low-E Insulated Glass, Add	49.56	
			For Obscure Glass, Add	54.52	
08 53 13 00-0416	EA		72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	354.36	72.93
			For Colored Vinyl, Add	20.85	
			For Tinted Glass, Add	25.02	
			For Low-E Insulated Glass, Add	52.13	
			For Obscure Glass, Add	57.34	
08 53 13 00-0417			46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0418	EA		36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	279.93	57.60
			For Colored Vinyl, Add	16.57	
			For Tinted Glass, Add	19.88	
			For Low-E Insulated Glass, Add	41.41	
			For Obscure Glass, Add	45.55	
08 53 13 00-0419	EA		48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	306.77	63.17
			For Colored Vinyl, Add	18.14	
			For Tinted Glass, Add	21.76	
			For Low-E Insulated Glass, Add	45.34	
			For Obscure Glass, Add	49.87	
08 53 13 00-0420	EA		54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	320.20	65.50
			For Colored Vinyl, Add	18.92	
			For Tinted Glass, Add	22.71	
			For Low-E Insulated Glass, Add	47.30	
			For Obscure Glass, Add	52.03	
08 53 13 00-0421	EA		60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	333.62	68.29
			For Colored Vinyl, Add	19.71	
			For Tinted Glass, Add	23.65	
			For Low-E Insulated Glass, Add	49.26	
			For Obscure Glass, Add	54.19	
08 53 13 00-0422	EA		64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	342.57	70.60
			For Colored Vinyl, Add	20.23	
			For Tinted Glass, Add	24.27	
			For Low-E Insulated Glass, Add	50.57	
			For Obscure Glass, Add	55.63	
08 53 13 00-0423	EA		72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	360.49	73.86
			For Colored Vinyl, Add	21.28	
			For Tinted Glass, Add	25.53	
			For Low-E Insulated Glass, Add	53.19	
			For Obscure Glass, Add	58.51	
08 53 13 00-0424			48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0425	EA		36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	285.16	58.53
			For Colored Vinyl, Add	16.90	
			For Tinted Glass, Add	20.28	
			For Low-E Insulated Glass, Add	42.26	
			For Obscure Glass, Add	46.48	
08 53 13 00-0426	EA		48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	312.32	64.10
			For Colored Vinyl, Add	18.50	
			For Tinted Glass, Add	22.20	
			For Low-E Insulated Glass, Add	46.26	
			For Obscure Glass, Add	50.89	
08 53 13 00-0427	EA		54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	325.89	66.43
			For Colored Vinyl, Add	19.30	
			For Tinted Glass, Add	23.16	
			For Low-E Insulated Glass, Add	48.26	
			For Obscure Glass, Add	53.09	
08 53 13 00-0428	EA		60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	339.45	69.21
			For Colored Vinyl, Add	20.10	
			For Tinted Glass, Add	24.12	
			For Low-E Insulated Glass, Add	50.26	
			For Obscure Glass, Add	55.28	
08 53 13 00-0429	EA		64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	348.51	71.53
			For Colored Vinyl, Add	20.64	
			For Tinted Glass, Add	24.76	
			For Low-E Insulated Glass, Add	51.59	
			For Obscure Glass, Add	56.75	
08 53 13 00-0430	EA		72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	366.62	74.79
			For Colored Vinyl, Add	21.70	
			For Tinted Glass, Add	26.04	
			For Low-E Insulated Glass, Add	54.26	
			For Obscure Glass, Add	59.69	

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)

(08 53 13 00-0381)

08 53 13 00-0432	EA 36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	290.41	59.46
	For Colored Vinyl, Add	17.24	
	For Tinted Glass, Add	20.69	
	For Low-E Insulated Glass, Add	43.11	
	For Obscure Glass, Add	47.42	
08 53 13 00-0433	EA 48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	317.84	65.03
	For Colored Vinyl, Add	18.87	
	For Tinted Glass, Add	22.64	
	For Low-E Insulated Glass, Add	47.18	
	For Obscure Glass, Add	51.89	
08 53 13 00-0434	EA 54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	331.56	67.36
	For Colored Vinyl, Add	19.69	
	For Tinted Glass, Add	23.62	
	For Low-E Insulated Glass, Add	49.21	
	For Obscure Glass, Add	54.13	
08 53 13 00-0435	EA 60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	345.27	70.14
	For Colored Vinyl, Add	20.50	
	For Tinted Glass, Add	24.60	
	For Low-E Insulated Glass, Add	51.25	
	For Obscure Glass, Add	56.37	
08 53 13 00-0436	EA 64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	354.43	72.47
	For Colored Vinyl, Add	21.04	
	For Tinted Glass, Add	25.25	
	For Low-E Insulated Glass, Add	52.61	
	For Obscure Glass, Add	57.87	
08 53 13 00-0437	EA 72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	372.73	75.72
	For Colored Vinyl, Add	22.13	
	For Tinted Glass, Add	26.56	
	For Low-E Insulated Glass, Add	55.33	
	For Obscure Glass, Add	60.86	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)

(08 53 13 00-0381)

08 53 13 00-0439	EA 36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.64	60.39
	For Colored Vinyl, Add	17.58	
	For Tinted Glass, Add	21.10	
	For Low-E Insulated Glass, Add	43.95	
	For Obscure Glass, Add	48.35	
08 53 13 00-0440	EA 48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	323.38	65.97
	For Colored Vinyl, Add	19.24	
	For Tinted Glass, Add	23.09	
	For Low-E Insulated Glass, Add	48.10	
	For Obscure Glass, Add	52.91	
08 53 13 00-0441	EA 54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	337.25	68.29
	For Colored Vinyl, Add	20.07	
	For Tinted Glass, Add	24.08	
	For Low-E Insulated Glass, Add	50.17	
	For Obscure Glass, Add	55.19	
08 53 13 00-0442	EA 60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	351.13	71.07
	For Colored Vinyl, Add	20.90	
	For Tinted Glass, Add	25.08	
	For Low-E Insulated Glass, Add	52.25	
	For Obscure Glass, Add	57.47	
08 53 13 00-0443	EA 64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	360.36	73.40
	For Colored Vinyl, Add	21.45	
	For Tinted Glass, Add	25.74	
	For Low-E Insulated Glass, Add	53.63	
	For Obscure Glass, Add	58.99	
08 53 13 00-0444	EA 72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	378.86	76.64
	For Colored Vinyl, Add	22.56	
	For Tinted Glass, Add	27.07	
	For Low-E Insulated Glass, Add	56.39	
	For Obscure Glass, Add	62.03	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)

(08 53 13 00-0381)

08 53 13 00-0446	EA 36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	300.90	61.32
	For Colored Vinyl, Add	17.92	
	For Tinted Glass, Add	21.50	
	For Low-E Insulated Glass, Add	44.80	
	For Obscure Glass, Add	49.28	
08 53 13 00-0447	EA 48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	328.91	66.89
	For Colored Vinyl, Add	19.61	
	For Tinted Glass, Add	23.53	
	For Low-E Insulated Glass, Add	49.02	
	For Obscure Glass, Add	53.92	



Openings			08	08
Windows			08 50	
Plastic Windows			08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	342.94	69.21	
		For Colored Vinyl, Add	20.45		
		For Tinted Glass, Add	24.54		
		For Low-E Insulated Glass, Add	51.13		
		For Obscure Glass, Add	56.24		
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	356.95	72.00	
		For Colored Vinyl, Add	21.30		
		For Tinted Glass, Add	25.55		
		For Low-E Insulated Glass, Add	53.24		
		For Obscure Glass, Add	58.56		
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	366.30	74.33	
		For Colored Vinyl, Add	21.86		
		For Tinted Glass, Add	26.23		
		For Low-E Insulated Glass, Add	54.65		
		For Obscure Glass, Add	60.11		
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	384.97	77.57	
		For Colored Vinyl, Add	22.98		
		For Tinted Glass, Add	27.58		
		For Low-E Insulated Glass, Add	57.46		
		For Obscure Glass, Add	63.20		
08 53 13 00-0452		60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)			
08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	325.56	64.10	
		For Colored Vinyl, Add	19.83		
		For Tinted Glass, Add	23.79		
		For Low-E Insulated Glass, Add	49.57		
		For Obscure Glass, Add	54.53		
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	345.54	69.68	
		For Colored Vinyl, Add	20.71		
		For Tinted Glass, Add	24.85		
		For Low-E Insulated Glass, Add	51.78		
		For Obscure Glass, Add	56.96		
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	360.00	72.00	
		For Colored Vinyl, Add	21.60		
		For Tinted Glass, Add	25.92		
		For Low-E Insulated Glass, Add	54.00		
		For Obscure Glass, Add	59.40		
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	374.44	74.79	
		For Colored Vinyl, Add	22.49		
		For Tinted Glass, Add	26.98		
		For Low-E Insulated Glass, Add	56.22		
		For Obscure Glass, Add	61.84		
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	384.08	77.11	
		For Colored Vinyl, Add	23.08		
		For Tinted Glass, Add	27.69		
		For Low-E Insulated Glass, Add	57.70		
		For Obscure Glass, Add	63.47		
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	403.34	80.36	
		For Colored Vinyl, Add	24.26		
		For Tinted Glass, Add	29.11		
		For Low-E Insulated Glass, Add	60.66		
		For Obscure Glass, Add	66.72		
08 53 13 00-0459		Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) (08 53 13 00-0380)			
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).			
08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	325.62	48.77	
		For Colored Vinyl, Add	22.81		
		For Tinted Glass, Add	27.37		
		For Low-E Insulated Glass, Add	57.02		
		For Obscure Glass, Add	62.72		
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	357.79	53.42	
		For Colored Vinyl, Add	25.10		
		For Tinted Glass, Add	30.11		
		For Low-E Insulated Glass, Add	62.74		
		For Obscure Glass, Add	69.01		
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	387.94	58.06	
		For Colored Vinyl, Add	27.18		
		For Tinted Glass, Add	32.62		
		For Low-E Insulated Glass, Add	67.95		
		For Obscure Glass, Add	74.75		
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	410.43	62.71	
		For Colored Vinyl, Add	28.50		
		For Tinted Glass, Add	34.20		
		For Low-E Insulated Glass, Add	71.25		
		For Obscure Glass, Add	78.38		
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	434.03	67.36	
		For Colored Vinyl, Add	29.93		
		For Tinted Glass, Add	35.92		
		For Low-E Insulated Glass, Add	74.83		
		For Obscure Glass, Add	82.31		

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	470.53	72.00
		For Colored Vinyl, Add	32.65	
		For Tinted Glass, Add	39.18	
		For Low-E Insulated Glass, Add	81.63	
		For Obscure Glass, Add	89.80	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	3.93	0.60
		For Colored Vinyl, Add	0.27	
		For Tinted Glass, Add	0.33	
		For Low-E Insulated Glass, Add	0.68	
		For Obscure Glass, Add	0.75	
08 53 13 00-0467		Basement Vinyl Windows (08 53 13)		
08 53 13 00-0468		New Construction, Basement Vinyl Windows (Silver Line 5900) (08 53 13 00-0467)		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	195.27	37.16
		For Colored Vinyl, Add	12.09	
		For Tinted Glass, Add	14.51	
		For Low-E Insulated Glass, Add	30.24	
		For Obscure Glass, Add	33.26	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	209.38	37.16
		For Colored Vinyl, Add	13.51	
		For Tinted Glass, Add	16.21	
		For Low-E Insulated Glass, Add	33.76	
		For Obscure Glass, Add	37.14	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	217.44	37.16
		For Colored Vinyl, Add	14.31	
		For Tinted Glass, Add	17.17	
		For Low-E Insulated Glass, Add	35.78	
		For Obscure Glass, Add	39.36	
08 53 13 00-0472		Replacement, Basement Vinyl Windows (08 53 13 00-0467)		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window.....	243.80	36.23
		For Colored Vinyl, Add	17.13	
		For Tinted Glass, Add	20.56	
		For Low-E Insulated Glass, Add	42.83	
		For Obscure Glass, Add	47.12	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window.....	272.07	41.81
		For Colored Vinyl, Add	18.85	
		For Tinted Glass, Add	22.62	
		For Low-E Insulated Glass, Add	47.12	
		For Obscure Glass, Add	51.83	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window.....	4.64	0.60
		For Colored Vinyl, Add	0.34	
		For Tinted Glass, Add	0.41	
		For Low-E Insulated Glass, Add	0.86	
		For Obscure Glass, Add	0.94	
08 53 13 00-0476		Accessories For Vinyl Windows (08 53 13)		
08 53 13 00-0477		Factory Installed Grilles For Vinyl Windows (08 53 13 00-0476)		
08 53 13 00-0478		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows (08 53 13 00-0477)		
08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	28.22	
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	36.28	
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	46.73	
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	55.16	
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	67.80	
08 53 13 00-0484		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows (08 53 13 00-0477)		
08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	64.13	
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	76.96	
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	97.12	
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	120.94	
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	144.76	
08 53 66		Vinyl Window Screens (08 53)		
08 53 66 00-0001		Insect Screens For Vinyl Windows (08 53 66)		
08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows.....	34.72	8.20



		Openings	08
		Windows	08 50
		Plastic Windows	08 53

08

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows.....	45.72		8.20
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows.....	49.38		8.20
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows.....	56.71		8.20
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows.....	73.20		8.20
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows.....	80.53		8.20
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows.....	91.53		8.20
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows.....	98.86		8.20
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows.....	2.98		0.16

08 56 Special Function Windows (08 50)

08 56 19 Pass Windows (08 56)

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame (08 56 19)

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	3,155.51	571.01
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	45.00	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	295.00	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	3,454.74	618.59
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	60.00	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	370.00	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	3,642.30	666.19
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	70.00	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	445.00	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	4,535.01	761.35
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	100.00	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	650.00	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	6,188.17	1,142.03
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	150.00	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	975.00	

08 56 56 Security Window Screens (08 56)

Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen (08 56 56)

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen (08 56 56 00-0001)

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	19.78	4.29
		For Painted Steel, Add	1.41	
		For Galvanized Steel, Add	2.81	
		For Aluminum, Add	5.63	
		For Stainless Steel, Add	24.62	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	20.18	4.29
		For Painted Steel, Add	1.45	
		For Galvanized Steel, Add	2.89	
		For Aluminum, Add	5.79	
		For Stainless Steel, Add	25.32	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	22.04	4.29
		For Painted Steel, Add	1.63	
		For Galvanized Steel, Add	3.27	
		For Aluminum, Add	6.53	
		For Stainless Steel, Add	28.58	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	26.01	4.29
		For Painted Steel, Add	2.03	
		For Galvanized Steel, Add	4.06	
		For Aluminum, Add	8.12	
		For Stainless Steel, Add	35.53	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen (08 56 56 00-0001)

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	27.65	5.23
		For Painted Steel, Add	2.00	
		For Galvanized Steel, Add	4.01	
		For Aluminum, Add	8.02	
		For Stainless Steel, Add	35.07	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	28.27	5.23
		For Painted Steel, Add	2.07	
		For Galvanized Steel, Add	4.13	
		For Aluminum, Add	8.26	
		For Stainless Steel, Add	36.16	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	30.93	5.23
		For Painted Steel, Add	2.33	
		For Galvanized Steel, Add	4.66	
		For Aluminum, Add	9.33	
		For Stainless Steel, Add	40.81	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	36.50	5.23
		For Painted Steel, Add	2.89	
		For Galvanized Steel, Add	5.78	
		For Aluminum, Add	11.56	
		For Stainless Steel, Add	50.56	

08 Openings**08 50 Windows****08 56 Special Function Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0012			Wire Cloth Security Screen (08 56 56) Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013			Wire Cloth, Inoperable, Security Window Screens (08 56 56 00-0012)		
08 56 56 00-0014	SF		24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	13.15	2.85
			For Painted Steel, Add	0.42	
			For Galvanized Steel, Add	1.26	
			For Aluminum, Add	2.52	
			For Stainless Steel, Add	10.49	
08 56 56 00-0015	SF		22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	13.72	2.85
			For Painted Steel, Add	0.45	
			For Galvanized Steel, Add	1.34	
			For Aluminum, Add	2.69	
			For Stainless Steel, Add	11.20	
08 56 56 00-0016	SF		20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	14.60	2.85
			For Painted Steel, Add	0.49	
			For Galvanized Steel, Add	1.48	
			For Aluminum, Add	2.95	
			For Stainless Steel, Add	12.30	
08 56 56 00-0017	SF		18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	16.30	2.85
			For Painted Steel, Add	0.58	
			For Galvanized Steel, Add	1.73	
			For Aluminum, Add	3.46	
			For Stainless Steel, Add	14.43	
08 56 56 00-0018			Wire Cloth, Operable, Security Window Screens (08 56 56 00-0012)		
08 56 56 00-0019	SF		24 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	17.67	3.80
			For Painted Steel, Add	0.60	
			For Galvanized Steel, Add	1.79	
			For Aluminum, Add	3.59	
			For Stainless Steel, Add	14.95	
08 56 56 00-0020	SF		22 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	18.54	3.80
			For Painted Steel, Add	0.64	
			For Galvanized Steel, Add	1.92	
			For Aluminum, Add	3.85	
			For Stainless Steel, Add	16.04	
08 56 56 00-0021	SF		20 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	19.75	3.80
			For Painted Steel, Add	0.70	
			For Galvanized Steel, Add	2.11	
			For Aluminum, Add	4.21	
			For Stainless Steel, Add	17.55	
08 56 56 00-0022	SF		18 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	22.17	3.80
			For Painted Steel, Add	0.82	
			For Galvanized Steel, Add	2.47	
			For Aluminum, Add	4.94	
			For Stainless Steel, Add	20.58	
08 56 56 00-0023			Expanded Metal Security Screen (08 56 56) Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024			Expanded Metal, Inoperable, Security Screen (08 56 56 00-0023)		
08 56 56 00-0025	SF		1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen.....	24.94	7.14
			For Painted Steel, Add	0.82	
			For Galvanized Steel, Add	2.46	
			For Aluminum, Add	4.91	
			For Stainless Steel, Add	20.48	
08 56 56 00-0026	SF		1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	29.19	8.56
			For Painted Steel, Add	0.94	
			For Galvanized Steel, Add	2.81	
			For Aluminum, Add	5.62	
			For Stainless Steel, Add	23.40	
08 56 56 00-0027	SF		3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	32.78	10.47
			For Painted Steel, Add	1.02	
			For Galvanized Steel, Add	3.06	
			For Aluminum, Add	6.12	
			For Stainless Steel, Add	25.51	
08 56 56 00-0028	SF		3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen.....	38.55	12.37
			For Painted Steel, Add	1.17	
			For Galvanized Steel, Add	3.50	
			For Aluminum, Add	7.00	
			For Stainless Steel, Add	29.15	
08 56 56 00-0029	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen.....	35.89	11.90
			For Painted Steel, Add	1.08	
			For Galvanized Steel, Add	3.24	
			For Aluminum, Add	6.49	
			For Stainless Steel, Add	27.03	
08 56 56 00-0030	SF		3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen.....	45.27	15.23
			For Painted Steel, Add	1.36	
			For Galvanized Steel, Add	4.08	
			For Aluminum, Add	8.16	
			For Stainless Steel, Add	33.99	



		Openings	08
		Windows	08 50
		Special Function Windows	08 56

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0031			Expanded Metal, Operable, Security Screen (08 56 56 00-0023)		
08 56 56 00-0032	SF	1/4" #18, Thickness 0.04"	Expanded Metal, Operable, Steel Security Window Screen	26.15	8.56
		For Painted Steel, Add		0.78	
		For Galvanized Steel, Add		2.35	
		For Aluminum, Add		4.70	
		For Stainless Steel, Add		19.60	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07"	Expanded Metal, Operable, Steel Security Window Screen	39.08	10.47
		For Painted Steel, Add		1.34	
		For Galvanized Steel, Add		4.01	
		For Aluminum, Add		8.01	
		For Stainless Steel, Add		33.39	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07"	Expanded Metal, Operable, Steel Security Window Screen	43.40	11.90
		For Painted Steel, Add		1.46	
		For Galvanized Steel, Add		4.37	
		For Aluminum, Add		8.74	
		For Stainless Steel, Add		36.41	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11"	Expanded Metal, Operable, Steel Security Window Screen	47.00	13.32
		For Painted Steel, Add		1.54	
		For Galvanized Steel, Add		4.62	
		For Aluminum, Add		9.25	
		For Stainless Steel, Add		38.53	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12"	Expanded Metal, Operable, Steel Security Window Screen	51.31	15.23
		For Painted Steel, Add		1.66	
		For Galvanized Steel, Add		4.98	
		For Aluminum, Add		9.97	
		For Stainless Steel, Add		41.54	
08 56 56 00-0037	SF	3 LB/SF	Expanded Metal, Operable, Steel Security Window Screen	58.72	16.65
		For Painted Steel, Add		1.94	
		For Galvanized Steel, Add		5.81	
		For Aluminum, Add		11.62	
		For Stainless Steel, Add		48.41	
08 56 56 00-0038			Perforated Metal Security Screen (08 56 56)		
08 56 56 00-0039			Perforated Metal, Inoperable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0040	SF	22 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	22.01	4.29
		For Painted Steel, Add		0.82	
		For Galvanized Steel, Add		2.45	
		For Aluminum, Add		4.89	
		For Stainless Steel, Add		16.30	
08 56 56 00-0041	SF	20 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	22.65	4.29
		For Painted Steel, Add		0.85	
		For Galvanized Steel, Add		2.54	
		For Aluminum, Add		5.08	
		For Stainless Steel, Add		16.94	
08 56 56 00-0042	SF	18 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	24.83	4.29
		For Painted Steel, Add		0.96	
		For Galvanized Steel, Add		2.87	
		For Aluminum, Add		5.74	
		For Stainless Steel, Add		19.12	
08 56 56 00-0043	SF	16 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	28.95	4.29
		For Painted Steel, Add		1.16	
		For Galvanized Steel, Add		3.49	
		For Aluminum, Add		6.97	
		For Stainless Steel, Add		23.24	
08 56 56 00-0044			Perforated Metal, Operable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0045	SF	22 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	30.77	5.23
		For Painted Steel, Add		1.16	
		For Galvanized Steel, Add		3.47	
		For Aluminum, Add		6.95	
		For Stainless Steel, Add		23.16	
08 56 56 00-0046	SF	20 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	31.90	5.23
		For Painted Steel, Add		1.21	
		For Galvanized Steel, Add		3.64	
		For Aluminum, Add		7.29	
		For Stainless Steel, Add		24.29	
08 56 56 00-0047	SF	18 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	34.72	5.23
		For Painted Steel, Add		1.36	
		For Galvanized Steel, Add		4.07	
		For Aluminum, Add		8.13	
		For Stainless Steel, Add		27.11	
08 56 56 00-0048	SF	16 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	40.61	5.23
		For Painted Steel, Add		1.65	
		For Galvanized Steel, Add		4.95	
		For Aluminum, Add		9.90	
		For Stainless Steel, Add		33.00	
08 56 56 00-0049			Remove And Reinstall Security Screens And Guards (08 56 56)		
08 56 56 00-0050	SF		Removal And Reinstallation Of Security Screens	11.96	

08 Openings**08 50 Windows****08 56 Special Function Windows**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**08 56 59 Service and Teller Window Units (08 56)****08 56 59 00-0001 Communicator For Window (08 56 59)**

08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350).....	1,773.96	190.34
Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.				
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300).....	1,555.73	190.34
Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.				
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1).....	1,420.99	190.34

08 56 59 00-0005 Speak-Thru Communicator For Window (08 56 59)

08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A).....	106.69	
Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).				
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS).....	154.19	
Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).				

08 56 59 00-0008 Counter Drop-In Deal Tray (08 56 59)

08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16).....	289.32	35.13
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08 60 Roof Windows and Skylights (08)

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights (08 60)**08 62 23 Tubular Skylights (08 62)****08 62 23 00-0001 Aluminum Framed Solar Tube Skylights (08 62 23)**

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	965.72	187.99
For Class 3 Hail Rated, Add			4.00	
For Polycarbonate Diffuser Lens, Add			7.00	
For High Velocity Hurricane Zone Rated, Add			14.00	
For FM Approved, Add			20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add			49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add			69.00	
For Single Blade Louver, Add			667.02	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,016.18	192.69
For Class 3 Hail Rated, Add			4.00	
For Polycarbonate Diffuser Lens, Add			7.00	
For High Velocity Hurricane Zone Rated, Add			14.00	
For FM Approved, Add			20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add			49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add			69.00	
For Single Blade Louver, Add			667.96	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,065.26	197.39
For Class 3 Hail Rated, Add			4.00	
For Polycarbonate Diffuser Lens, Add			7.00	
For High Velocity Hurricane Zone Rated, Add			14.00	
For FM Approved, Add			20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add			49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add			69.00	
For Single Blade Louver, Add			668.90	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,133.48	202.09
For Class 3 Hail Rated, Add			4.00	
For Polycarbonate Diffuser Lens, Add			7.00	
For High Velocity Hurricane Zone Rated, Add			14.00	
For FM Approved, Add			20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add			49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add			69.00	
For Single Blade Louver, Add			669.84	



Openings			08	08
Roof Windows and Skylights			08 60	
Unit Skylights			08 62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0007	EA		6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,193.52	206.79
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	670.78	
08 62 23 00-0008	EA		7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,242.60	211.49
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	671.72	
08 62 23 00-0009	EA		8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,291.67	216.19
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	672.66	
08 62 23 00-0010	EA		9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,370.86	220.90
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	673.60	
08 62 23 00-0011	EA		10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,419.95	225.99
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	674.54	
08 62 23 00-0012	EA		11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,470.39	230.29
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	675.48	
08 62 23 00-0013	EA		12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,519.47	235.00
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	676.42	
08 62 23 00-0014	EA		13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,598.65	239.69
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	677.36	
08 62 23 00-0015	EA		14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,647.74	244.39
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	678.30	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0016	EA		15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,696.81	249.09
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	679.24	
08 62 23 00-0017	EA		16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,745.89	253.79
			For Class 3 Hail Rated, Add	4.00	
			For Polycarbonate Diffuser Lens, Add	7.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	20.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
			For Single Blade Louver, Add	680.18	
08 62 23 00-0018			31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)		
08 62 23 00-0019	EA		2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,150.44	187.99
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	667.02	
08 62 23 00-0020	EA		3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,218.68	192.69
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	667.96	
08 62 23 00-0021	EA		4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,286.92	197.39
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	668.90	
08 62 23 00-0022	EA		5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,355.15	202.09
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	669.84	
08 62 23 00-0023	EA		6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,464.44	206.79
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	670.78	
08 62 23 00-0024	EA		7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,532.68	211.49
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	671.72	
08 62 23 00-0025	EA		8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,600.91	216.19
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	672.66	



		Openings	08	08
		Roof Windows and Skylights	08 60	
		Unit Skylights	08 62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0026	EA		9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,710.19	220.90
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	673.60	
08 62 23 00-0027	EA		10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,778.44	225.59
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	674.54	
08 62 23 00-0028	EA		11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,846.67	230.29
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	675.48	
08 62 23 00-0029	EA		12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,914.90	235.00
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	676.42	
08 62 23 00-0030	EA		13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,024.19	239.69
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	677.36	
08 62 23 00-0031	EA		14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,092.44	244.39
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	678.30	
08 62 23 00-0032	EA		15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,160.66	249.09
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	679.24	
08 62 23 00-0033	EA		16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,228.90	253.79
			For Class 3 Hail Rated, Add	5.00	
			For Polycarbonate Diffuser Lens, Add	8.00	
			For High Velocity Hurricane Zone Rated, Add	14.00	
			For FM Approved, Add	22.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	50.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	86.00	
			For Single Blade Louver, Add	680.18	
08 62 23 00-0034			55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)		
08 62 23 00-0035	EA		2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,516.26	211.49
			For Class 3 Hail Rated, Add	10.00	
			For Polycarbonate Diffuser Lens, Add	14.00	
			For High Velocity Hurricane Zone Rated, Add	22.00	
			For FM Approved, Add	36.00	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00	
			For Single Blade Louver, Add	671.72	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,610.49		216.19
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	672.66		
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,706.09		220.90
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	673.60		
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,800.33		225.59
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	674.54		
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,949.29		230.29
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	675.48		
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,043.52		235.00
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	676.42		
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,137.76		239.69
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	677.36		
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,288.10		244.39
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	678.30		
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,382.33		249.09
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	679.24		
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,476.56		253.79
		For Class 3 Hail Rated, Add	10.00		
		For Polycarbonate Diffuser Lens, Add	14.00		
		For High Velocity Hurricane Zone Rated, Add	22.00		
		For FM Approved, Add	36.00		
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00		
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00		
		For Single Blade Louver, Add	680.18		



Openings			08
Roof Windows and Skylights			08 60
Unit Skylights			08 62

MINOR		DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM			
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,570.80	258.49
		For Class 3 Hail Rated, Add	10.00	
		For Polycarbonate Diffuser Lens, Add	14.00	
		For High Velocity Hurricane Zone Rated, Add	22.00	
		For FM Approved, Add	36.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00	
		For Single Blade Louver, Add	681.12	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,719.76	263.19
		For Class 3 Hail Rated, Add	10.00	
		For Polycarbonate Diffuser Lens, Add	14.00	
		For High Velocity Hurricane Zone Rated, Add	22.00	
		For FM Approved, Add	36.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00	
		For Single Blade Louver, Add	682.06	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,814.00	267.89
		For Class 3 Hail Rated, Add	10.00	
		For Polycarbonate Diffuser Lens, Add	14.00	
		For High Velocity Hurricane Zone Rated, Add	22.00	
		For FM Approved, Add	36.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00	
		For Single Blade Louver, Add	683.00	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,909.60	272.59
		For Class 3 Hail Rated, Add	10.00	
		For Polycarbonate Diffuser Lens, Add	14.00	
		For High Velocity Hurricane Zone Rated, Add	22.00	
		For FM Approved, Add	36.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00	
		For Single Blade Louver, Add	683.94	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,003.83	277.29
		For Class 3 Hail Rated, Add	10.00	
		For Polycarbonate Diffuser Lens, Add	14.00	
		For High Velocity Hurricane Zone Rated, Add	22.00	
		For FM Approved, Add	36.00	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	95.00	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	145.00	
		For Single Blade Louver, Add	684.88	

08 63 Metal-Framed Skylights (08 60)

08 63 13 Domed Metal-Framed Skylights (08 63)

08 63 13 00-0001	EA	Domed Aluminum Framed Skylights (08 63 13)		
08 63 13 00-0002	EA	Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0001)		
08 63 13 00-0003	EA	Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0002)		
08 63 13 00-0004	EA	Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	353.35	94.00
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	400.41	94.00
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	535.49	105.75
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	604.71	117.50
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	424.60	94.00
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	518.01	105.75
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	547.59	105.75
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	628.91	117.50
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	730.37	129.25
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	523.39	105.75
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	579.17	117.50
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	635.63	117.50

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	699.45	129.25	
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	774.04	141.00	
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	868.79	152.74	
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	619.50	117.50	
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	681.98	129.25	
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	775.38	141.00	
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	810.34	141.00	
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	931.98	152.74	
08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003)					
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.					
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	420.57	94.00	
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	466.28	94.00	
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	587.92	105.75	
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	658.49	117.50	
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	473.00	94.00	
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	555.66	105.75	
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	587.92	105.75	
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	674.62	117.50	
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	757.26	129.25	
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	561.03	105.75	
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	622.19	117.50	
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	658.49	117.50	
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	725.00	129.25	
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	787.48	141.00	
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	883.58	152.74	
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	663.86	117.50	
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	730.37	129.25	
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	803.62	141.00	
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	841.26	141.00	
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	952.15	152.74	
08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003)					
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.					
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	425.95	94.00	
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	477.04	94.00	
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	602.71	105.75	
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	486.45	94.00	
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	574.48	105.75	
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	602.71	105.75	
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	690.75	117.50	



		Openings	08
		Roof Windows and Skylights	08 60
		Metal-Framed Skylights	08 63

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	573.13	105.75
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	632.94	117.50
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	675.96	117.50
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	742.47	129.25
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	808.99	141.00
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	680.00	117.50
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	751.88	129.25
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	825.13	141.00
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	862.77	141.00
08 63 13 00-0063		FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0003) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	435.36	94.00
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	491.82	94.00
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	616.15	105.75
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	706.88	117.50
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	499.89	94.00
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	586.58	105.75
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	616.15	105.75
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	710.92	117.50
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	587.92	105.75
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	647.73	117.50
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	694.78	117.50
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	762.64	129.25
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	830.51	141.00
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	700.16	117.50
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	772.05	129.25
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	846.64	141.00
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	886.97	141.00
08 63 13 00-0081		Curb Top Inserts (08 63 13 00-0003) Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts (08 63 13 00-0081)		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	143.26	47.00
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	194.69	52.87
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	321.62	70.49
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	297.55	64.62
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	359.93	70.49
08 63 13 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts (08 63 13 00-0081)		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	199.36	47.00
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	302.79	52.87
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	517.28	70.49
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	505.53	64.62
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	630.85	70.49
08 63 13 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts (08 63 13 00-0081)		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	254.09	47.00

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	405.41	52.87
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	758.10	70.49
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	699.83	64.62
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	882.62	70.49
08 63 13 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0002)		
08 63 13 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0100) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	329.15	94.00
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	386.96	94.00
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	485.75	105.75
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	604.71	117.50
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0100) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	434.02	94.00
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	494.51	94.00
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	583.89	105.75
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	694.78	117.50
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights (08 63 13 00-0002)		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0111) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	378.89	94.00
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	495.16	105.75
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	583.20	117.50
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	466.93	105.75
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	495.16	105.75
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	599.33	117.50
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	702.14	129.25
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	542.87	117.50
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	583.20	117.50
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	651.05	129.25
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	714.89	141.00
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	839.22	152.74
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	667.19	129.25
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	755.22	141.00
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	796.90	141.00
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	917.19	152.74
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0111) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	424.60	94.00



Openings		08	08
Roof Windows and Skylights		08 60	
Metal-Framed Skylights		08 63	

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	473.00	94.00
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	594.64	105.75
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	482.41	94.00
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	540.87	105.75
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	566.41	105.75
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	594.64	105.75
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	684.03	117.50
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	567.76	105.75
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	627.56	117.50
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	667.90	117.50
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	733.06	129.25
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	798.24	141.00
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	670.59	117.50
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	742.47	129.25
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	814.37	141.00
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	850.67	141.00
08 63 13 00-0147		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 13 00-0111) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	468.97	94.00
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	612.12	105.75
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	581.20	105.75
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	612.12	105.75
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	705.54	117.50
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	643.70	117.50
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	688.06	117.50
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	757.26	129.25
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	819.75	141.00
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	766.67	129.25
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	841.26	141.00
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	880.25	141.00
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0001)		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0160) Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0161)		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0162)		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	1,852.25	141.00
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	1,729.91	141.00
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	1,942.32	141.00

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0162)			
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,388.66	141.00	
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,271.70	141.00	
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,511.01	141.00	
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0162)			
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,543.27	141.00	
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,423.62	141.00	
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,662.92	141.00	
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0161)			
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)			
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	1,860.32	141.00	
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	1,737.98	141.00	
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	1,954.42	141.00	
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)			
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,399.42	141.00	
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,279.77	141.00	
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,524.45	141.00	
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)			
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,551.34	141.00	
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,431.69	141.00	
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	2,676.37	141.00	
08 66		Wood-Framed Skylights (08 60)			
08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) (08 66)			
08 66 00 00-0002	EA	16-1/2" x 36", Domed, Wood-Framed Skylight (Andersen 400 Series).....	546.49	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	78.56		
		For Aluminum Shingle Flashing, Add	62.85		
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	559.32	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	81.77		
		For Aluminum Shingle Flashing, Add	65.41		
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	528.86	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	74.15		
		For Aluminum Shingle Flashing, Add	59.32		
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	568.94	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	84.17		
		For Aluminum Shingle Flashing, Add	67.34		
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	602.60	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	92.59		
		For Aluminum Shingle Flashing, Add	74.07		
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	657.11	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	106.21		
		For Aluminum Shingle Flashing, Add	84.97		
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	726.05	116.13	
		For Tempered Laminated Low-E Insulated Glass, Add	123.45		
		For Aluminum Shingle Flashing, Add	98.76		



Openings		08	08
Roof Windows and Skylights		08 60	
Wood-Framed Skylights		08 66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0009	EA	27" x 24-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	528.86 74.15 59.32	116.13
08 66 00 00-0010	EA	28" x 38"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	610.62 94.59 75.67	116.13
08 66 00 00-0011	EA	28" x 46"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	657.11 106.21 84.97	116.13
08 66 00 00-0012	EA	28" x 57"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	710.02 119.44 95.55	116.13
08 66 00 00-0013	EA	28" x 72"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	780.56 137.08 109.66	116.13
08 66 00 00-0014	EA	38" x 16-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	546.49 78.56 62.85	116.13
08 66 00 00-0015	EA	38" x 24-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	568.94 84.17 67.34	116.13
08 66 00 00-0016	EA	38" x 28"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	610.62 94.59 75.67	116.13
08 66 00 00-0017	EA	44" x 46"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	758.12 131.47 105.17	116.13
08 66 00 00-0018	EA	46" x 16-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	559.32 81.77 65.41	116.13
08 66 00 00-0019	EA	46" x 24-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	602.60 92.59 74.07	116.13
08 66 00 00-0020	EA	46" x 28"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	657.11 106.21 84.97	116.13
08 66 00 00-0021	EA	46" x 44"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	758.12 131.47 105.17	116.13
08 66 00 00-0022	EA	57" x 24-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	657.11 106.21 84.97	116.13
08 66 00 00-0023	EA	57" x 28"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	710.02 119.44 95.55	116.13
08 66 00 00-0024	EA	72" x 24-1/2"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	726.05 123.45 98.76	116.13
08 66 00 00-0025	EA	72" x 28"	Domed, Wood-Framed Skylight (Andersen 400 Series)..... For Tempered Laminated Low-E Insulated Glass, Add For Aluminum Shingle Flashing, Add	780.56 137.08 109.66	116.13

08 70 Hardware (08)

08 71 Door Hardware (08 70)

08 71 11 Door Hardware (08 71)

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of existing door where required for modifications.

08 71 11 00-0001 Hinges (08 71 11)

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0001)

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002)

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	73.32	6.50
		For Clear Coated Bright Brass, Add	5.45	
		For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	80.50	9.29
		For Clear Coated Bright Brass, Add	6.07	
		For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	89.34	10.21
		For Clear Coated Bright Brass, Add	5.08	
		For Pair Of Non-Removable Pins (NRP), Add	6.00	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002)

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0008 PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	85.02	6.50
For Clear Coated Bright Brass, Add	6.99	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0009 PR 4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	96.41	9.29
For Clear Coated Bright Brass, Add	6.99	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0010 PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	97.24	10.21
For Clear Coated Bright Brass, Add	6.18	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0011 PR 5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	113.59	12.08
For Clear Coated Bright Brass, Add	7.23	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0012 PR 5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	114.37	12.08
For Clear Coated Bright Brass, Add	7.34	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0013 PR 6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	123.36	15.52
For Clear Coated Bright Brass, Add	8.60	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002)		
Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0015 PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	97.05	6.50
08 71 11 00-0016 PR 4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	108.44	9.29
08 71 11 00-0017 PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	110.33	10.21
08 71 11 00-0018 PR 5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	128.04	12.08
08 71 11 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002)		
Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0020 PR 4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	123.50	10.21
For Clear Coated Bright Brass, Add	9.86	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0021 PR 5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	140.08	12.08
For Clear Coated Bright Brass, Add	10.94	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0022 PR 5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	156.62	12.08
For Clear Coated Bright Brass, Add	13.26	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 11 00-0002)		
Note: Set into mortised edge of the door and surface applied to the face of the frame.		
08 71 11 00-0024 PR 4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	126.78	10.21
For Clear Coated Bright Brass, Add	10.32	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0025 PR 5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	149.39	12.08
For Clear Coated Bright Brass, Add	12.24	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0026 Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge (08 71 11 00-0002)		
Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027 PR 4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	122.82	10.21
For Clear Coated Bright Brass, Add	9.76	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0028 PR 5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	141.88	15.52
For Clear Coated Bright Brass, Add	11.19	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0029 PR 6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	170.30	15.52
For Clear Coated Bright Brass, Add	15.17	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0030 Mortised, Wrought Steel Hinges (08 71 11 00-0001)		
Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 11 00-0031 Full Mortise, Plain Bearing, Wrought Steel Hinges (08 71 11 00-0030)		
Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0032 PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	44.15	6.50
For Primed For Paint Finish, Deduct	-1.82	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	1.14	
For Satin Brass Plated Clear Coated Finish, Deduct	-1.09	
For Stainless Steel, Add	5.00	
For Heavy Duty, Add	1.36	
For Pair Of Non-Removable Pins (NRP), Add	6.00	

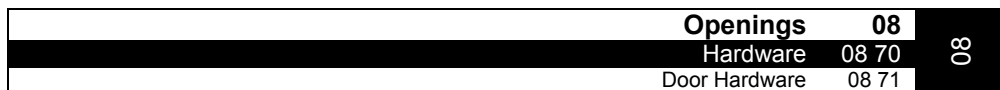


		Openings	08	08
		Hardware	08 70	
		Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	.....	56.48	9.29
		For Primed For Paint Finish, Deduct	.....	-2.01	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	1.25	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-1.20	
		For Stainless Steel, Add	.....	5.52	
		For Heavy Duty, Add	.....	1.50	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	.....	65.32	10.21
		For Primed For Paint Finish, Deduct	.....	-2.45	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	1.53	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-1.47	
		For Stainless Steel, Add	.....	6.73	
		For Heavy Duty, Add	.....	1.83	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0035		Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)			
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.			
08 71 11 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	.....	68.20	6.50
		For Primed For Paint Finish, Deduct	.....	-6.63	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	4.14	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-3.98	
		For Stainless Steel, Add	.....	18.23	
		For Heavy Duty, Add	.....	4.97	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	.....	83.98	9.29
		For Primed For Paint Finish, Deduct	.....	-7.51	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	4.69	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-4.50	
		For Stainless Steel, Add	.....	20.64	
		For Heavy Duty, Add	.....	5.63	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	.....	103.09	10.21
		For Primed For Paint Finish, Deduct	.....	-10.00	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	6.25	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-6.00	
		For Stainless Steel, Add	.....	27.50	
		For Heavy Duty, Add	.....	7.50	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	.....	116.80	12.08
		For Primed For Paint Finish, Deduct	.....	-10.97	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	6.86	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-6.58	
		For Stainless Steel, Add	.....	30.18	
		For Heavy Duty, Add	.....	8.23	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	.....	124.54	12.08
		For Primed For Paint Finish, Deduct	.....	-12.52	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	7.83	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-7.51	
		For Stainless Steel, Add	.....	34.44	
		For Heavy Duty, Add	.....	9.39	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	.....	148.15	12.08
		For Primed For Paint Finish, Deduct	.....	-17.24	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	10.78	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-10.35	
		For Stainless Steel, Add	.....	47.42	
		For Heavy Duty, Add	.....	12.93	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0042		Half Surface, Plain Bearing, Wrought Steel Hinges (08 71 11 00-0030)			
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.			
08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	.....	82.09	6.50
		For Primed For Paint Finish, Deduct	.....	-9.41	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	5.88	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-5.64	
		For Stainless Steel, Add	.....	25.87	
		For Heavy Duty, Add	.....	7.05	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	.....	99.75	9.29
		For Primed For Paint Finish, Deduct	.....	-10.66	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	6.66	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-6.40	
		For Stainless Steel, Add	.....	29.32	
		For Heavy Duty, Add	.....	8.00	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	
08 71 11 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	.....	112.66	10.21
		For Primed For Paint Finish, Deduct	.....	-11.91	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	.....	7.45	
		For Satin Brass Plated Clear Coated Finish, Deduct	.....	-7.15	
		For Stainless Steel, Add	.....	32.76	
		For Heavy Duty, Add	.....	8.94	
		For Pair Of Non-Removable Pins (NRP), Add	.....	6.00	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0046 PR 5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	127.77	12.08
For Primed For Paint Finish, Deduct	-13.17	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	8.23	
For Satin Brass Plated Clear Coated Finish, Deduct	-7.90	
For Stainless Steel, Add	36.21	
For Heavy Duty, Add	9.88	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0047 Half Surface, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)		
Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0048 PR 4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	113.86	10.21
For Primed For Paint Finish, Deduct	-13.48	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	8.43	
For Satin Brass Plated Clear Coated Finish, Deduct	-8.09	
For Stainless Steel, Add	37.08	
For Heavy Duty, Add	10.11	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0049 PR 4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	127.68	10.21
For Primed For Paint Finish, Deduct	-14.92	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	9.32	
For Satin Brass Plated Clear Coated Finish, Deduct	-8.95	
For Stainless Steel, Add	41.02	
For Heavy Duty, Add	11.19	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0050 PR 5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	148.15	12.08
For Primed For Paint Finish, Deduct	-17.24	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	10.78	
For Satin Brass Plated Clear Coated Finish, Deduct	-10.35	
For Stainless Steel, Add	47.42	
For Heavy Duty, Add	12.93	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0051 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)		
Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0052 PR 4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	104.71	10.21
For Primed For Paint Finish, Deduct	-10.32	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	6.45	
For Satin Brass Plated Clear Coated Finish, Deduct	-6.19	
For Stainless Steel, Add	28.39	
For Heavy Duty, Add	7.74	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0053 Blank Butt Hinges (08 71 11 00-0030)		
08 71 11 00-0054 PR 3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge.....	23.18	4.18
For Primed For Paint Finish, Deduct	-1.31	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	0.82	
For Satin Brass Plated Clear Coated Finish, Deduct	-0.79	
For Stainless Steel, Add	3.61	
For Heavy Duty, Add	0.99	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0055 Full Mortise, Single Acting Spring, Wrought Steel Hinges (08 71 11 00-0030)		
Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0056 PR 3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	84.37	6.50
For Primed For Paint Finish, Deduct	-9.86	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	6.16	
For Satin Brass Plated Clear Coated Finish, Deduct	-5.92	
For Stainless Steel, Add	27.12	
08 71 11 00-0057 PR 4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	110.95	9.29
For Primed For Paint Finish, Deduct	-12.90	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	8.06	
For Satin Brass Plated Clear Coated Finish, Deduct	-7.74	
For Stainless Steel, Add	35.48	
08 71 11 00-0058 PR 4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	147.96	10.21
For Primed For Paint Finish, Deduct	-18.97	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	11.86	
For Satin Brass Plated Clear Coated Finish, Deduct	-11.38	
For Stainless Steel, Add	52.18	
08 71 11 00-0059 Offset And Pivot Hinges (08 71 11 00-0001)		
Note: Satin chrome plated, US26D.		
08 71 11 00-0060 Offset Swing Clear Hinges (08 71 11 00-0059)		
Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061 EA 4-1/2", Swing Clear, Offset Hinges.....	144.74	2.89
08 71 11 00-0062 Offset Pivot Hinges (08 71 11 00-0059)		
08 71 11 00-0063 3/4" Offset Pivot Hinges (08 71 11 00-0062)		



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MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
08 71 11 00-0124	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	171.69			11.62
08 71 11 00-0125	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	171.69			11.62
08 71 11 00-0126	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	171.69			11.62
08 71 11 00-0127	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	171.69			11.62
08 71 11 00-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	171.69			11.62
08 71 11 00-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0129)				
08 71 11 00-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	145.62			11.62
08 71 11 00-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	155.10			11.62
08 71 11 00-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	171.69			11.62
08 71 11 00-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	171.69			11.62
08 71 11 00-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	171.69			11.62
08 71 11 00-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	171.69			11.62
08 71 11 00-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	171.69			11.62
08 71 11 00-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0137)				
08 71 11 00-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	145.62			11.62
08 71 11 00-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	155.10			11.62
08 71 11 00-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	171.69			11.62
08 71 11 00-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	171.69			11.62
08 71 11 00-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	171.69			11.62
08 71 11 00-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	171.69			11.62
08 71 11 00-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	171.69			11.62
08 71 11 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0145)				
08 71 11 00-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0146)				
08 71 11 00-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	115.71			9.29
08 71 11 00-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	146.52			9.29
08 71 11 00-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	167.05			9.29
08 71 11 00-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	167.05			9.29
08 71 11 00-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	167.05			9.29
08 71 11 00-0152	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	167.05			9.29
08 71 11 00-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	167.05			9.29
08 71 11 00-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	115.71			9.29
08 71 11 00-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	146.52			9.29
08 71 11 00-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	167.05			9.29
08 71 11 00-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	167.05			9.29
08 71 11 00-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	167.05			9.29
08 71 11 00-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	167.05			9.29
08 71 11 00-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	167.05			9.29
08 71 11 00-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	100.71			9.29
08 71 11 00-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	136.25			9.29
08 71 11 00-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	156.78			9.29
08 71 11 00-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	156.78			9.29
08 71 11 00-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	156.78			9.29
08 71 11 00-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	156.78			9.29
08 71 11 00-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	156.78			9.29
08 71 11 00-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0168)				
08 71 11 00-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	175.64			11.62
08 71 11 00-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	186.69			11.62
08 71 11 00-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	186.69			11.62
08 71 11 00-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	186.69			11.62
08 71 11 00-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	186.69			11.62
08 71 11 00-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	186.69			11.62
08 71 11 00-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	189.85			11.62
08 71 11 00-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0176)				
08 71 11 00-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	151.16			11.62
08 71 11 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	165.37			11.62
08 71 11 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	175.64			11.62
08 71 11 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	175.64			11.62
08 71 11 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	175.64			11.62
08 71 11 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	175.64			11.62
08 71 11 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	175.64			11.62
08 71 11 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0184)				
08 71 11 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	343.84			11.62
08 71 11 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	369.11			11.62



		Openings	08	08
		Hardware	08 70	
		Door Hardware	08 71	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	409.40	11.62
08 71 11 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	409.40	11.62
08 71 11 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	409.40	11.62
08 71 11 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	409.40	11.62
08 71 11 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	409.40	11.62
08 71 11 00-0192		Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0063)		
08 71 11 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		
08 71 11 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	205.66	11.62
08 71 11 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	242.75	11.62
08 71 11 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	272.77	11.62
08 71 11 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	272.77	11.62
08 71 11 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	272.77	11.62
08 71 11 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	205.66	11.62
08 71 11 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	242.75	11.62
08 71 11 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	272.77	11.62
08 71 11 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	272.77	11.62
08 71 11 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	272.77	11.62
08 71 11 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	205.66	11.62
08 71 11 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	242.75	11.62
08 71 11 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	272.77	11.62
08 71 11 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	272.77	11.62
08 71 11 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	272.77	11.62
08 71 11 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	216.61	13.94
08 71 11 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	247.40	13.94
08 71 11 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	261.63	13.94
08 71 11 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	261.63	13.94
08 71 11 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	261.63	13.94
08 71 11 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0193)		
08 71 11 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	216.61	13.94
08 71 11 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	247.40	13.94
08 71 11 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	261.63	13.94
08 71 11 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	261.63	13.94
08 71 11 00-0223	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	261.63	13.94
08 71 11 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0225			500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		
08 71 11 00-0226	EA		Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	211.96	11.62
08 71 11 00-0227	EA		Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	246.71	11.62
08 71 11 00-0228	EA		Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	256.98	11.62
08 71 11 00-0229	EA		Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	256.98	11.62
08 71 11 00-0230	EA		Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	256.98	11.62
08 71 11 00-0231			600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		
08 71 11 00-0232	EA		Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	211.96	11.62
08 71 11 00-0233	EA		Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	246.71	11.62
08 71 11 00-0234	EA		Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	256.98	11.62
08 71 11 00-0235	EA		Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	256.98	11.62
08 71 11 00-0236	EA		Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	256.98	11.62
08 71 11 00-0237			700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		
08 71 11 00-0238	EA		Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	211.96	11.62
08 71 11 00-0239	EA		Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	246.71	11.62
08 71 11 00-0240	EA		Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	256.98	11.62
08 71 11 00-0241	EA		Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	256.98	11.62
08 71 11 00-0242	EA		Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	256.98	11.62
08 71 11 00-0243			1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		
08 71 11 00-0244	EA		Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	237.15	13.94
08 71 11 00-0245	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	272.68	13.94
08 71 11 00-0246	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	282.15	13.94
08 71 11 00-0247	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	282.15	13.94
08 71 11 00-0248	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	282.15	13.94
08 71 11 00-0249			1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0224)		
08 71 11 00-0250	EA		Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	237.15	13.94
08 71 11 00-0251	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	272.68	13.94
08 71 11 00-0252	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	282.15	13.94
08 71 11 00-0253	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	282.15	13.94
08 71 11 00-0254	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	282.15	13.94
08 71 11 00-0255			Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0192)		
08 71 11 00-0256			500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0257	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	236.45	11.62
08 71 11 00-0258	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	292.52	11.62
08 71 11 00-0259	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	313.84	11.62



		Openings	08
		Hardware	08 70
		Door Hardware	08 71

08

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	313.84	11.62
08 71 11 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	313.84	11.62
08 71 11 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	232.50	11.62
08 71 11 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	246.71	11.62
08 71 11 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	283.04	11.62
08 71 11 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	283.04	11.62
08 71 11 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	283.04	11.62
08 71 11 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	267.15	13.94
08 71 11 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	297.17	13.94
08 71 11 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	308.22	13.94
08 71 11 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	308.22	13.94
08 71 11 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	308.22	13.94
08 71 11 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0255)		
08 71 11 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	378.51	13.94
08 71 11 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	403.78	13.94
08 71 11 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	414.05	13.94
08 71 11 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	414.05	13.94
08 71 11 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	414.05	13.94
08 71 11 00-0280		1-1/2" Offset Pivot Hinges (08 71 11 00-0062)		
08 71 11 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0280)		
08 71 11 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0281)		
08 71 11 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0282)		
08 71 11 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	242.75	11.62
08 71 11 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	262.50	11.62
08 71 11 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	277.50	11.62
08 71 11 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	277.50	11.62
08 71 11 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	277.50	11.62
08 71 11 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0282)		
08 71 11 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	242.75	11.62
08 71 11 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	262.50	11.62
08 71 11 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	277.50	11.62
08 71 11 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	277.50	11.62
08 71 11 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	277.50	11.62

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0281)		
08 71 11 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0295)		
08 71 11 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	252.23	11.62
08 71 11 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	283.04	11.62
08 71 11 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	298.04	11.62
08 71 11 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	298.04	11.62
08 71 11 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	298.04	11.62
08 71 11 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0295)		
08 71 11 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	252.23	11.62
08 71 11 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	283.04	11.62
08 71 11 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	298.04	11.62
08 71 11 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	298.04	11.62
08 71 11 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	298.04	11.62
08 71 11 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0281)		
08 71 11 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0308)		
08 71 11 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	246.71	11.62
08 71 11 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	283.04	11.62
08 71 11 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	298.04	11.62
08 71 11 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	298.04	11.62
08 71 11 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	298.04	11.62
08 71 11 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0308)		
08 71 11 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	399.13	11.62
08 71 11 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	440.19	11.62
08 71 11 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	450.46	11.62
08 71 11 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	450.46	11.62
08 71 11 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	450.46	11.62
08 71 11 00-0321		Center Hung Pivot Hinges (08 71 11 00-0059)		
08 71 11 00-0322		Top Mount, Center Hung Pivot Hinges (08 71 11 00-0321)		
08 71 11 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	125.98	9.29
08 71 11 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	136.25	9.29
08 71 11 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	136.25	9.29
08 71 11 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	136.25	9.29
08 71 11 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	136.25	9.29
08 71 11 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	136.25	9.29
08 71 11 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	136.25	9.29
08 71 11 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	130.62	11.62
08 71 11 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	140.89	11.62
08 71 11 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	140.89	11.62
08 71 11 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	140.89	11.62
08 71 11 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	140.89	11.62
08 71 11 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	140.89	11.62



		Openings	08	08
		Hardware	08 70	
		Door Hardware	08 71	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	140.89	11.62
08 71 11 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	130.62	11.62
08 71 11 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	140.89	11.62
08 71 11 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	140.89	11.62
08 71 11 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	140.89	11.62
08 71 11 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	140.89	11.62
08 71 11 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	140.89	11.62
08 71 11 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	140.89	11.62
08 71 11 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 11 00-0322)		
08 71 11 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	206.34	13.94
08 71 11 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	241.10	13.94
08 71 11 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	277.42	13.94
08 71 11 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	277.42	13.94
08 71 11 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	277.42	13.94
08 71 11 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	277.42	13.94
08 71 11 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	277.42	13.94
08 71 11 00-0355		Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0321)		
08 71 11 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	95.96	9.29
08 71 11 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	110.98	9.29
08 71 11 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	125.98	9.29
08 71 11 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	125.98	9.29
08 71 11 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	125.98	9.29
08 71 11 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	125.98	9.29
08 71 11 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	125.98	9.29
08 71 11 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	140.89	11.62
08 71 11 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	145.62	11.62
08 71 11 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	145.62	11.62
08 71 11 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	145.62	11.62
08 71 11 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	145.62	11.62
08 71 11 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	145.62	11.62
08 71 11 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	145.62	11.62
08 71 11 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	140.89	11.62
08 71 11 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	145.62	11.62
08 71 11 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	145.62	11.62
08 71 11 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	145.62	11.62
08 71 11 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	145.62	11.62
08 71 11 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	145.62	11.62
08 71 11 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	145.62	11.62
08 71 11 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)		
08 71 11 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	283.04	11.62
08 71 11 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	298.04	11.62
08 71 11 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	313.84	11.62
08 71 11 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	313.84	11.62
08 71 11 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	313.84	11.62
08 71 11 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	313.84	11.62
08 71 11 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	313.84	11.62

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 71 11 00-0387	1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0355)				
08 71 11 00-0388	EA Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	520.66		13.94	
08 71 11 00-0389	EA Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	535.66		13.94	
08 71 11 00-0390	EA Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	556.20		13.94	
08 71 11 00-0391	EA Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	556.20		13.94	
08 71 11 00-0392	EA Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	556.20		13.94	
08 71 11 00-0393	EA Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	556.20		13.94	
08 71 11 00-0394	EA Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	556.20		13.94	
08 71 11 00-0395	Continuous Barrel-Type Hinge (08 71 11 00-0001)				
08 71 11 00-0396	LF 1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	21.98		3.72	
	For Stainless Steel, Add	3.92			
	For Brass Or Nickel, Add	4.27			
	For Aluminum, Add	1.40			
	For Medium Gauge, Deduct	-1.42			
08 71 11 00-0397	LF 2" Wide, Steel, Continuous Barrel-Type Hinge	22.46		3.72	
	For Stainless Steel, Add	4.18			
	For Brass Or Nickel, Add	4.56			
	For Aluminum, Add	1.49			
	For Medium Gauge, Deduct	-1.52			
08 71 11 00-0398	LF 2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	23.41		3.72	
	For Stainless Steel, Add	4.70			
	For Brass Or Nickel, Add	5.13			
	For Aluminum, Add	1.68			
	For Medium Gauge, Deduct	-1.71			
08 71 11 00-0399	LF 3" Wide, Steel, Continuous Barrel-Type Hinge	24.48		3.72	
	For Stainless Steel, Add	5.29			
	For Brass Or Nickel, Add	5.77			
	For Aluminum, Add	1.89			
	For Medium Gauge, Deduct	-1.92			
08 71 11 00-0400	Continuous Geared Hinges (08 71 11 00-0001)				
08 71 11 00-0401	LF Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	42.11		3.72	
	For Bronze Finish, Add	10.22			
	For Heavy Duty, Add	7.28			
08 71 11 00-0402	LF Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	45.29		3.72	
	For Bronze Finish, Add	11.41			
	For Heavy Duty, Add	8.13			
08 71 11 00-0403	LF Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	29.34		3.72	
	For Bronze Finish, Add	5.43			
08 71 11 00-0404	LF Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)	33.96		3.72	
	For Bronze Finish, Add	7.16			
08 71 11 00-0405	Mortised, Primed Steel, Double Acting Spring Hinges (08 71 11 00-0001)				
08 71 11 00-0406	PR 2", Mortised, Primed Steel, Double Acting Spring Hinge	104.35		6.50	
	For Satin Brass, Add	17.24			
08 71 11 00-0407	PR 3", Mortised, Primed Steel, Double Acting Spring Hinge	113.67		8.36	
	For Satin Brass, Add	17.25			
08 71 11 00-0408	PR 4", Mortised, Primed Steel, Double Acting Spring Hinge	126.87		10.21	
	For Satin Brass, Add	18.19			
08 71 11 00-0409	PR 5", Mortised, Primed Steel, Double Acting Spring Hinge	165.23		12.08	
	For Satin Brass, Add	25.16			
08 71 11 00-0410	PR 6", Mortised, Primed Steel, Double Acting Spring Hinge	185.15		13.94	
	For Satin Brass, Add	27.71			
08 71 11 00-0411	PR 7", Mortised, Primed Steel, Double Acting Spring Hinge	222.00		15.79	
	For Satin Brass, Add	34.33			
08 71 11 00-0412	PR 8", Mortised, Primed Steel, Double Acting Spring Hinge	298.63		44.13	
	For Satin Brass, Add	50.49			
08 71 11 00-0413	Security Hinges (08 71 11 00-0001)				
08 71 11 00-0414	EA 4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	36.58		6.50	
08 71 11 00-0415	Concealed Circuit Electric Hinge Option (08 71 11 00-0001)				
	Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.				
08 71 11 00-0416	EA 4 Wire Concealed Circuit Electric Hinge Option	195.24			
08 71 11 00-0417	EA 6 Wire Concealed Circuit Electric Hinge Option	230.51			
08 71 11 00-0418	EA 8 Wire Concealed Circuit Electric Hinge Option	265.79			
08 71 11 00-0419	Hinge Filler Plates For Door Frames (08 71 11 00-0001)				



		Openings	08
		Hardware	08 70
		Door Hardware	08 71

08

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 71 11 00-0420	PR	Hinge Filler Plates For Door Frames.....		15.68	4.65
08 71 11 00-0421		Door Trim (08 71 11)			
08 71 11 00-0422		Floor Stops, Wall Stops And Bumpers (08 71 11 00-0421)			
08 71 11 00-0423		Floor Stops (08 71 11 00-0422)			
08 71 11 00-0424		Aluminum Floor Stops (08 71 11 00-0423)			
08 71 11 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430).....		25.23	11.62
08 71 11 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436).....		27.22	11.62
08 71 11 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438).....		27.98	11.62
08 71 11 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441).....		39.56	11.62
08 71 11 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448).....		40.94	11.62
08 71 11 00-0430		Brass Floor Stops (08 71 11 00-0423)			
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436).....		27.50	11.62
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436).....		28.26	11.62
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436).....		28.26	11.62
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436).....		28.56	11.62
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436).....		28.95	11.62
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436).....		28.95	11.62
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436).....		28.95	11.62
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438).....		27.98	11.62
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438).....		29.13	11.62
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438).....		29.13	11.62
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438).....		29.58	11.62
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438).....		29.97	11.62
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438).....		29.97	11.62
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438).....		31.79	11.62
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13).....		29.21	11.62
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13).....		29.21	11.62
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13).....		30.47	11.62
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13).....		30.47	11.62
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13).....		30.47	11.62
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13).....		30.47	11.62
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17).....		30.08	11.62
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17).....		30.08	11.62
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17).....		31.31	11.62
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17).....		31.31	11.62
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17).....		31.31	11.62
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17).....		31.31	11.62
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441).....		40.68	11.62
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441).....		41.22	11.62
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441).....		42.55	11.62
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441).....		43.62	11.62
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441).....		43.62	11.62
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441).....		47.99	11.62
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441).....		47.99	11.62
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448).....		46.37	11.62
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448).....		47.15	11.62
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448).....		47.15	11.62
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448).....		47.15	11.62
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448).....		47.15	11.62
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448).....		53.14	11.62
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448).....		53.14	11.62
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430).....		34.16	11.62
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430).....		35.16	11.62
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430).....		37.41	11.62
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430).....		37.41	11.62
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430).....		37.41	11.62
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430).....		38.08	11.62
08 71 11 00-0477		Steel Floor Stops (08 71 11 00-0423)			
08 71 11 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434).....		30.27	11.62
08 71 11 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S).....		67.34	11.62
		Note: Includes drilling. Excludes Grout.			
08 71 11 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L).....		70.49	11.62
		Note: Includes drilling. Excludes Grout.			
08 71 11 00-0481		Wall Stops (08 71 11 00-0422)			
08 71 11 00-0482		Aluminum Wall Stops (08 71 11 00-0481)			
08 71 11 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60).....		12.04	4.65
08 71 11 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65).....		17.67	6.97

08 Openings**08 70 Hardware****08 71 Door Hardware**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-0485 Brass Wall Stops (08 71 11 00-0481)			
08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	18.83 4.65
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	18.83 4.65
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	18.83 4.65
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	21.79 4.65
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	22.07 4.65
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	22.07 4.65
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	22.07 4.65
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	49.20 6.97
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	50.24 6.97
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	50.24 6.97
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	50.24 6.97
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	50.24 6.97
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	50.24 6.97
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	41.86 6.97
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	47.49 6.97
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	47.49 6.97
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	47.49 6.97
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	47.49 6.97
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	48.83 6.97
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	48.83 6.97
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	76.65 6.97
08 71 11 00-0507 Steel Wall Stops (08 71 11 00-0481)			
08 71 11 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	9.87 4.65
08 71 11 00-0509 Hinge Pin Door Stops (08 71 11 00-0422)			
08 71 11 00-0510 Aluminum Hinge Pin Door Stops (08 71 11 00-0509)			
08 71 11 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	20.29 9.29
08 71 11 00-0512 Brass Hinge Pin Door Stops (08 71 11 00-0509)			
08 71 11 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	20.62 9.29
08 71 11 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	22.67 9.29
08 71 11 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	27.62 9.29
08 71 11 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	27.62 9.29
08 71 11 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	27.62 9.29
08 71 11 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	29.94 9.29
08 71 11 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	29.94 9.29
08 71 11 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	29.94 9.29
08 71 11 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	29.94 9.29
08 71 11 00-0522 Wall Bumpers (08 71 11 00-0422)			
08 71 11 00-0523 Brass Wall Bumpers (08 71 11 00-0522)			
08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.46 11.62
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.46 11.62
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.46 11.62
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.74 11.62
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.74 11.62
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.74 11.62
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	26.74 11.62
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	36.26 11.62
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.84 11.62
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.84 11.62
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.84 11.62
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.84 11.62
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.84 11.62
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.42 11.62
08 71 11 00-0538 Rubber Wall Bumpers (08 71 11 00-0522)			
08 71 11 00-0539	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	25.43 11.62



		Openings	08
		Hardware	08 70
		Door Hardware	08 71

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0540		Holders (08 71 11 00-0421)		
08 71 11 00-0541		Plunger Type Door Holders (08 71 11 00-0540)		
08 71 11 00-0542		Aluminum Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0543	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153).....	51.77	6.97
08 71 11 00-0544		Brass Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0545	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0546	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0547	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0548	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0549	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0550	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0551	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	82.18	6.97
08 71 11 00-0552		Kick Down Door Holders (08 71 11 00-0540)		
08 71 11 00-0553		Aluminum Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0554	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455).....	20.12	6.97
08 71 11 00-0555		Brass Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0556	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	39.02	6.97
08 71 11 00-0557	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	39.02	6.97
08 71 11 00-0558	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	39.02	6.97
08 71 11 00-0559	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	43.96	6.97
08 71 11 00-0560	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	43.96	6.97
08 71 11 00-0561	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	43.96	6.97
08 71 11 00-0562	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	45.20	6.97
08 71 11 00-0563		Steel Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0564	EA	Steel Kick Down Door Holder (Ives FS544)	23.93	6.97
08 71 11 00-0565		Floor Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0566		Brass Floor Mounted Door Holders (08 71 11 00-0565)		
08 71 11 00-0567	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	76.56	13.94
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0568	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	76.56	13.94
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0569	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	92.95	13.94
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0570	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	92.95	13.94
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0571	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	92.95	13.94
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0572	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	92.95	13.94
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0573		Wall Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0574		Aluminum Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0575	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	65.52	8.13
08 71 11 00-0576	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	97.26	13.94
08 71 11 00-0577		Brass Wall Mounted Door Holders (08 71 11 00-0573)		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0578	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	60.55	8.13
08 71 11 00-0579	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	69.44	8.13
08 71 11 00-0580	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	69.44	8.13
08 71 11 00-0581	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	69.44	8.13
08 71 11 00-0582	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	69.44	8.13
08 71 11 00-0583	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	69.44	8.13
08 71 11 00-0584	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	71.52	8.13
08 71 11 00-0585	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	67.99	8.13
08 71 11 00-0586	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	80.11	8.13
08 71 11 00-0587	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	80.11	8.13
08 71 11 00-0588	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	80.11	8.13
08 71 11 00-0589	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	80.11	8.13
08 71 11 00-0590	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	80.11	8.13
08 71 11 00-0591	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	109.35	13.94
08 71 11 00-0592	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	114.79	13.94
08 71 11 00-0593	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	114.79	13.94
08 71 11 00-0594	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	114.79	13.94
08 71 11 00-0595	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	114.79	13.94
08 71 11 00-0596	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	114.79	13.94
08 71 11 00-0597 Overhead Door Holders (08 71 11 00-0540)				
08 71 11 00-0598 Surface Mounted, Overhead Door Holders (08 71 11 00-0597)				
08 71 11 00-0599	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	341.26	23.22
		For Hold Open, Add	35.84	
08 71 11 00-0600	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	387.01	23.22
		For Hold Open, Add	42.44	
08 71 11 00-0601	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	387.01	23.22
		For Hold Open, Add	42.44	
08 71 11 00-0602	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	387.01	23.22
		For Hold Open, Add	42.44	
08 71 11 00-0603	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	385.46	23.22
		For Hold Open, Add	42.21	
08 71 11 00-0604 Heavy Duty, Surface Mounted, Overhead Door Holders (08 71 11 00-0597)				
		Note: With or without hold open feature.		
08 71 11 00-0605	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	272.17	23.22
08 71 11 00-0606	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	381.41	23.22
08 71 11 00-0607	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	429.03	23.22
08 71 11 00-0608	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	429.03	23.22
08 71 11 00-0609	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	429.03	23.22
08 71 11 00-0610 Concealed Mounted, Overhead Door Holders (08 71 11 00-0597)				
		Note: With or without hold open feature.		
08 71 11 00-0611	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	369.90	23.22
08 71 11 00-0612	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	369.90	23.22
08 71 11 00-0613	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	388.57	23.22
08 71 11 00-0614	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	404.44	23.22
08 71 11 00-0615	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	404.44	23.22
08 71 11 00-0616 Silencers (08 71 11 00-0421)				
08 71 11 00-0617	EA	Replacement Of Rubber Door Silencers	1.36	
		Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
08 71 11 00-0618 Bolts (08 71 11 00-0421)				
08 71 11 00-0619 Brass Surface Bolts (08 71 11 00-0618)				
08 71 11 00-0620	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	109.49	11.62
08 71 11 00-0621	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	116.68	11.62
08 71 11 00-0622	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	116.68	11.62
08 71 11 00-0623 Steel Surface Bolts (08 71 11 00-0618)				
08 71 11 00-0624	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	53.78	11.62
08 71 11 00-0625	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	53.78	11.62
08 71 11 00-0626	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	53.78	11.62
08 71 11 00-0627	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	60.07	11.62
08 71 11 00-0628	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	60.97	11.62
08 71 11 00-0629	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	62.76	11.62
08 71 11 00-0630	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	61.86	11.62
08 71 11 00-0631	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	64.57	11.62
08 71 11 00-0632	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	68.16	11.62
08 71 11 00-0633	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	70.85	11.62
08 71 11 00-0634	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	106.80	11.62



		Openings	08	08
		Hardware	08 70	
		Door Hardware	08 71	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 71 11 00-0635	Door Viewer (08 71 11 00-0421)			
08 71 11 00-0636	Brass Door Viewer (08 71 11 00-0635)			
08 71 11 00-0637	EA 120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	31.79		11.62
08 71 11 00-0638	EA 120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	31.79		11.62
08 71 11 00-0639	EA 120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	31.79		11.62
08 71 11 00-0640	EA 150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	35.81		11.62
08 71 11 00-0641	EA 150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	35.81		11.62
08 71 11 00-0642	EA 150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	35.81		11.62
08 71 11 00-0643	EA 190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	40.76		11.62
08 71 11 00-0644	EA 190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	40.76		11.62
08 71 11 00-0645	Door Knockers (08 71 11 00-0421)			
08 71 11 00-0646	Brass Door Knockers (08 71 11 00-0645)			
08 71 11 00-0647	EA 5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	44.18		11.62
08 71 11 00-0648	EA 5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	47.99		11.62
08 71 11 00-0649	EA 5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	47.99		11.62
08 71 11 00-0650	EA 5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	47.99		11.62
08 71 11 00-0651	EA 8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	62.46		11.62
08 71 11 00-0652	EA 8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	71.66		11.62
08 71 11 00-0653	Hasps (08 71 11 00-0421)			
08 71 11 00-0654	EA 3-1/4", Zinc Plated Finish, Steel Hasp Assembly	22.73		8.76
08 71 11 00-0655	EA 4-1/2", Zinc Plated Finish, Steel Hasp Assembly	24.20		9.29
08 71 11 00-0656	EA 6", Zinc Plated Finish, Steel Hasp Assembly	30.02		10.46
08 71 11 00-0657	EA 6", Zinc Plated Finish, Steel High Security Hasp Assembly	104.14		12.54
08 71 11 00-0658	Flush Bolts (08 71 11 00-0421)			
08 71 11 00-0659	Flush Bolts For Metal Doors (08 71 11 00-0658)			
08 71 11 00-0660	Brass Flush Bolts For Metal Doors (08 71 11 00-0659)			
08 71 11 00-0661	Manual, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.			
08 71 11 00-0662	EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	43.00		11.62
08 71 11 00-0663	Automatic, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.			
08 71 11 00-0664	EA Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	94.93		11.62
08 71 11 00-0665	EA Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	94.93		11.62
08 71 11 00-0666	EA Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	173.04		18.58
08 71 11 00-0667	EA Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	168.40		16.25
08 71 11 00-0668	EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	175.22		17.42
08 71 11 00-0669	Constant Latching, Brass Flush Bolts For Metal Doors (08 71 11 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.			
08 71 11 00-0670	EA Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	94.13		11.62
08 71 11 00-0671	EA Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	173.04		18.58
08 71 11 00-0672	EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	168.40		16.25
08 71 11 00-0673	EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	175.22		17.42
08 71 11 00-0674	Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0659)			
08 71 11 00-0675	Automatic, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0674) Note: Includes stainless steel construction with bright or satin finish.			
08 71 11 00-0676	EA Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	94.93		11.62
08 71 11 00-0677	EA Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	94.93		11.62
08 71 11 00-0678	EA Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	173.04		18.58
08 71 11 00-0679	EA Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	168.40		16.25
08 71 11 00-0680	EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	175.22		17.42
08 71 11 00-0681	Constant Latching, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0674) Note: Includes stainless steel construction with bright or satin finish.			
08 71 11 00-0682	EA Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	94.13		11.62
08 71 11 00-0683	EA Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	173.04		18.58
08 71 11 00-0684	EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	168.40		16.25
08 71 11 00-0685	EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	175.22		17.42

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0686		Flush Bolts For Wood Doors (08 71 11 00-0658)		
08 71 11 00-0687		Brass Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0688		Manual, Brass Flush Bolts For Wood Doors (08 71 11 00-0687)		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	49.72	11.62
08 71 11 00-0690		Automatic, Brass Flush Bolts For Wood Doors (08 71 11 00-0687)		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0691	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	98.43	11.62
08 71 11 00-0692	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	98.43	11.62
08 71 11 00-0693	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	180.59	18.58
08 71 11 00-0694	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	175.95	16.25
08 71 11 00-0695		Constant Latching, Brass Flush Bolts For Wood Doors (08 71 11 00-0687)		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0696	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	97.73	11.62
08 71 11 00-0697	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	180.59	18.58
08 71 11 00-0698	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	175.95	16.25
08 71 11 00-0699		Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0700		Automatic, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699)		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0701	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	98.43	11.62
08 71 11 00-0702	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	98.43	11.62
08 71 11 00-0703	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	180.59	18.58
08 71 11 00-0704	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	175.95	16.25
08 71 11 00-0705		Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699)		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0706	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	97.73	11.62
08 71 11 00-0707	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	180.59	18.58
08 71 11 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	175.95	16.25
08 71 11 00-0709		Dust Proof Strikes (08 71 11 00-0658)		
08 71 11 00-0710	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	37.81	9.29
08 71 11 00-0711	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	37.81	9.29
08 71 11 00-0712	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	37.81	9.29
08 71 11 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	37.81	9.29
08 71 11 00-0714	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	37.81	9.29
08 71 11 00-0715	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.84	9.29
08 71 11 00-0716	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.84	9.29
08 71 11 00-0717	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.84	9.29
08 71 11 00-0718	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.84	9.29
08 71 11 00-0719	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.84	9.29
08 71 11 00-0720		Roller Bumpers (08 71 11 00-0421)		
08 71 11 00-0721		Brass Roller Bumpers (08 71 11 00-0720)		
08 71 11 00-0722	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	38.06	6.97
08 71 11 00-0723	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	44.07	6.97
08 71 11 00-0724	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	44.07	6.97
08 71 11 00-0725	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	36.71	6.97
08 71 11 00-0726	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	41.28	6.97
08 71 11 00-0727	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	41.28	6.97
08 71 11 00-0728	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	41.28	6.97
08 71 11 00-0729	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	38.15	6.97
08 71 11 00-0730	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	41.39	6.97
08 71 11 00-0731	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.91	6.97
08 71 11 00-0732	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.91	6.97
08 71 11 00-0733	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.91	6.97
08 71 11 00-0734	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.91	6.97
08 71 11 00-0735	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	42.91	6.97
08 71 11 00-0736		Other Door Trim (08 71 11 00-0421)		
08 71 11 00-0737		Coat And Hat Hooks (08 71 11 00-0736)		
08 71 11 00-0738		Aluminum Coat And Hat Hooks (08 71 11 00-0737)		
08 71 11 00-0739	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	15.75	6.97



		Openings	08	08
		Hardware	08 70	
		Door Hardware	08 71	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 71 11 00-0740	EA 1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581).....	15.75		6.97	
08 71 11 00-0741	EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	15.86		6.97	
08 71 11 00-0742	EA 1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	15.67		6.97	
08 71 11 00-0743	EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	15.67		6.97	
08 71 11 00-0744	EA 1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	15.67		6.97	
08 71 11 00-0745	EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	15.86		6.97	
08 71 11 00-0746	EA 1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	16.42		6.97	
08 71 11 00-0747	EA 1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	16.42		6.97	
08 71 11 00-0748	EA 1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	16.42		6.97	
08 71 11 00-0749	EA 1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	16.42		6.97	
08 71 11 00-0750	EA 1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	16.42		6.97	
08 71 11 00-0751 Brass Coat And Hat Hooks (08 71 11 00-0737)					
08 71 11 00-0752	EA 1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	18.80		6.97	
08 71 11 00-0753	EA 1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	19.09		6.97	
08 71 11 00-0754	EA 1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	19.56		6.97	
08 71 11 00-0755	EA 1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	19.56		6.97	
08 71 11 00-0756	EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	19.86		6.97	
08 71 11 00-0757	EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	20.81		6.97	
08 71 11 00-0758	EA 1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	22.14		6.97	
08 71 11 00-0759	EA 1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	22.14		6.97	
08 71 11 00-0760	EA 1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	22.14		6.97	
08 71 11 00-0761	EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	22.44		6.97	
08 71 11 00-0762 Door Plates And Pulls (08 71 11)					
08 71 11 00-0763 Kick Plate (08 71 11 00-0762)					
Note: Ives 8400.					
08 71 11 00-0764 Aluminum Base Material Kick Plate (08 71 11 00-0763)					
08 71 11 00-0765 Satin Aluminum Finish, Aluminum Kick Plate (08 71 11 00-0764)					
08 71 11 00-0766	EA 8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	42.73		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0767	EA 8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.10		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0768	EA 8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	45.44		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0769	EA 8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	46.79		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0770	EA 8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	50.02		7.43	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0771	EA 8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	51.34		7.43	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0772	EA 8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	52.71		7.43	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0773	EA 8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	54.05		7.43	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0774	EA 8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	57.27		7.90	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0775	EA 8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	58.62		7.90	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0776	EA 8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	59.96		7.90	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0777	EA 8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	63.19		8.36	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0778	EA 8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	64.54		8.36	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0779	EA 8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	65.88		8.36	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0780	EA 10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	46.47		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0781	EA 10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	48.16		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			
08 71 11 00-0782	EA 10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	49.83		6.97	
	For Four Beveled Edges, Add	1.76			
	For UL Label (Fire Rated), Add	11.40			

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0783	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.52 1.76 11.40	6.97
08 71 11 00-0784	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.08 1.76 11.40	7.43
08 71 11 00-0785	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.76 1.76 11.40	7.43
08 71 11 00-0786	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.46 1.76 11.40	7.43
08 71 11 00-0787	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.14 1.76 11.40	7.43
08 71 11 00-0788	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.69 1.76 11.40	7.90
08 71 11 00-0789	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.37 1.76 11.40	7.90
08 71 11 00-0790	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.07 1.76 11.40	7.90
08 71 11 00-0791	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.63 1.76 11.40	8.36
08 71 11 00-0792	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.29 1.76 11.40	8.36
08 71 11 00-0793	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.99 1.76 11.40	8.36
08 71 11 00-0794	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.18 1.76 11.40	6.97
08 71 11 00-0795	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.19 1.76 11.40	6.97
08 71 11 00-0796	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.25 1.76 11.40	6.97
08 71 11 00-0797	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.24 1.76 11.40	6.97
08 71 11 00-0798	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.14 1.76 11.40	7.43
08 71 11 00-0799	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.16 1.76 11.40	7.43
08 71 11 00-0800	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.18 1.76 11.40	7.43
08 71 11 00-0801	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.22 1.76 11.40	7.43
08 71 11 00-0802	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.10 1.76 11.40	7.90
08 71 11 00-0803	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.13 1.76 11.40	7.90
08 71 11 00-0804	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.16 1.76 11.40	7.90
08 71 11 00-0805	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.05 1.76 11.40	8.36
08 71 11 00-0806	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.07 1.76 11.40	8.36
08 71 11 00-0807	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.11 1.76 11.40	8.36
08 71 11 00-0808	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.73 1.76 11.40	7.43
08 71 11 00-0809	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.10 1.76 11.40	7.43
08 71 11 00-0810	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.49 1.76 11.40	7.43